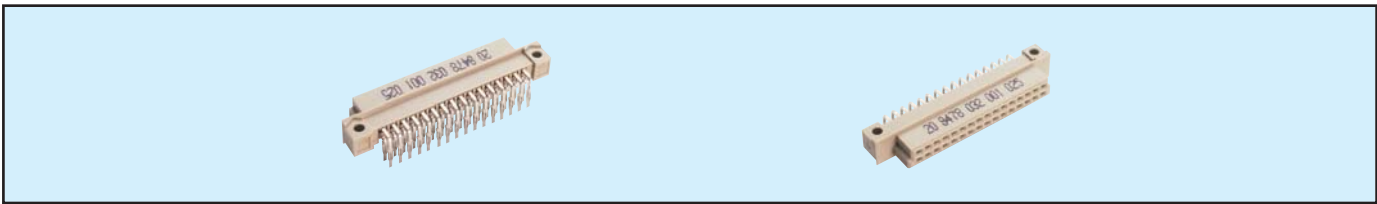


# Female Style 1/2 Q Press-Fit



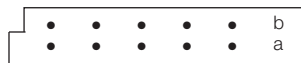
## Series 8478 – 2 rows (2 x 16) Inverted



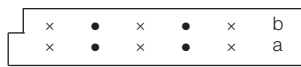
| Contact Design and Termination Length   | Number of Contacts | Loading Description | Part Number Performance classes according to DIN 41612 |                     |
|---|--------------------|---------------------|--|---------------------|
|   |                    |                     | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled | 32                 | a + b fully loaded  | 20 8478 032 001 025                                    | 20 8478 032 001 049 |
|   | 16                 | a + b even loading  | 20 8478 032 001 031                                    | 20 8478 032 001 055 |
|   | 16                 | a loading only      | 20 8478 032 001 027                                    | 20 8478 032 001 051 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>2.9 mm (Y) Right Angled   | 32                 | a + b fully loaded  | 20 8478 032 031 025                                    | 20 8478 032 031 049 |
|   | 16                 | a + b even loading  | 20 8478 032 031 031                                    | 20 8478 032 031 055 |
|   | 16                 | a loading only      | 20 8478 032 031 027                                    | 20 8478 032 031 051 |

NB: Alternative Prefix Variations Available: 22, please refer to Page 10.  
 Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION



32 contacts, rows a + b fully loaded

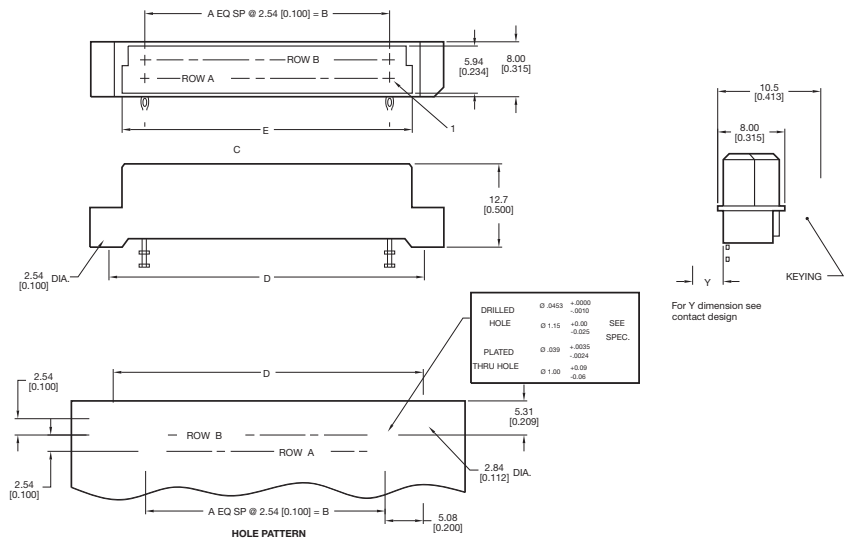


16 contacts, rows a + b even loading



16 contacts, row a loading only

### DIMENSIONS



Assembly Tool: 06 8478 8421 00 000 (see page 67)

Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 64                    | 2 (2 x 32)   | 31 | 78.74<br>(3.100) | 93.90<br>(3.697) | 88.90<br>(3.500) | 84.91<br>(3.343) |

# Male Style 1/2 Q Press-Fit



## Series 8478 – 2 rows (2 x 16) Inverted



| Contact Design and Termination Length  | Number of Contacts | Loading Description   | Part Number Performance classes according to DIN 41612 |                     |
|--|--------------------|-----------------------|--|---------------------|
|  |                    |                       | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 32                 | a + b fully loaded    | 10 8478 032 001 025                                    | 10 8478 032 001 049 |
|  | 16                 | a + b even loading    | 10 8478 032 001 031                                    | 10 8478 032 001 055 |
|  | 16                 | a loading only        | 10 8478 032 001 027                                    | 10 8478 032 001 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 101 025                                    | 10 8478 032 101 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 32                 | a + b fully loaded    | 10 8478 032 002 025                                    | 10 8478 032 002 049 |
|  | 16                 | a + b even loading    | 10 8478 032 002 031                                    | 10 8478 032 002 055 |
|  | 16                 | a loading only        | 10 8478 032 002 027                                    | 10 8478 032 002 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 102 025                                    | 10 8478 032 102 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 32                 | a + b fully loaded    | 10 8478 032 003 025                                    | 10 8478 032 003 049 |
|  | 16                 | a + b even loading    | 10 8478 032 003 031                                    | 10 8478 032 003 055 |
|  | 16                 | a loading only        | 10 8478 032 003 027                                    | 10 8478 032 003 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 103 025                                    | 10 8478 032 103 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>18.2 mm (Y) Straight | 32                 | a + b fully loaded    | 10 8478 032 004 025                                    | 10 8478 032 004 049 |
|  | 16                 | a + b even loading    | 10 8478 032 004 031                                    | 10 8478 032 004 055 |
|  | 16                 | a loading only        | 10 8478 032 004 027                                    | 10 8478 032 004 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 104 025                                    | 10 8478 032 104 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>14.6 mm (Y) Straight | 32                 | a + b fully loaded    | 10 8478 032 005 025                                    | 10 8478 032 005 049 |
|  | 16                 | a + b even loading    | 10 8478 032 005 031                                    | 10 8478 032 005 055 |
|  | 16                 | a loading only        | 10 8478 032 005 027                                    | 10 8478 032 005 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 105 025                                    | 10 8478 032 105 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 32                 | a + b fully loaded    | 10 8478 032 006 025                                    | 10 8478 032 006 049 |
|  | 16                 | a + b even loading    | 10 8478 032 006 031                                    | 10 8478 032 006 055 |
|  | 16                 | a loading only        | 10 8478 032 006 027                                    | 10 8478 032 006 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 106 025                                    | 10 8478 032 106 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 32                 | a + b fully loaded    | 10 8478 032 007 025                                    | 10 8478 032 007 049 |
|  | 16                 | a + b even loading    | 10 8478 032 007 031                                    | 10 8478 032 007 055 |
|  | 16                 | a loading only        | 10 8478 032 007 027                                    | 10 8478 032 007 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 107 025                                    | 10 8478 032 107 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>20.0 mm (Y) Straight | 32                 | a + b fully loaded    | 10 8478 032 008 025                                    | 10 8478 032 008 049 |
|  | 16                 | a + b even loading    | 10 8478 032 008 031                                    | 10 8478 032 008 055 |
|  | 16                 | a loading only        | 10 8478 032 008 027                                    | 10 8478 032 008 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 108 025                                    | 10 8478 032 108 049 |
| <b>for ≥ 2.4 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>3.9 mm (Y) Straight  | 32                 | a + b fully loaded    | 10 8478 032 009 025                                    | 10 8478 032 009 049 |
|  | 16                 | a + b even loading    | 10 8478 032 009 031                                    | 10 8478 032 009 055 |
|  | 16                 | a loading only        | 10 8478 032 009 027                                    | 10 8478 032 009 051 |
|  | 30 + 2             | fully loaded + ground | 10 8478 032 109 025                                    | 10 8478 032 109 049 |
| <b>for 1.6 mm PCB's</b><br><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Straight    | 32                 | a + b fully loaded    | 10 8478 032 031 025                                    | 10 8478 032 031 049 |
|  | 16                 | a + b even loading    | 10 8478 032 031 031                                    | 10 8478 032 031 055 |
|  | 16                 | a loading only        | 10 8478 032 031 027                                    | 10 8478 032 031 051 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.

Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

# Male Style 1/2 Q Press-Fit

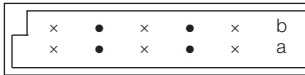


## Series 8478 – 2 rows (2 x 16) Inverted

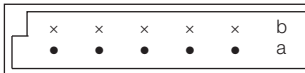
### LOADING DESCRIPTION



32 contacts, rows a + b fully loaded

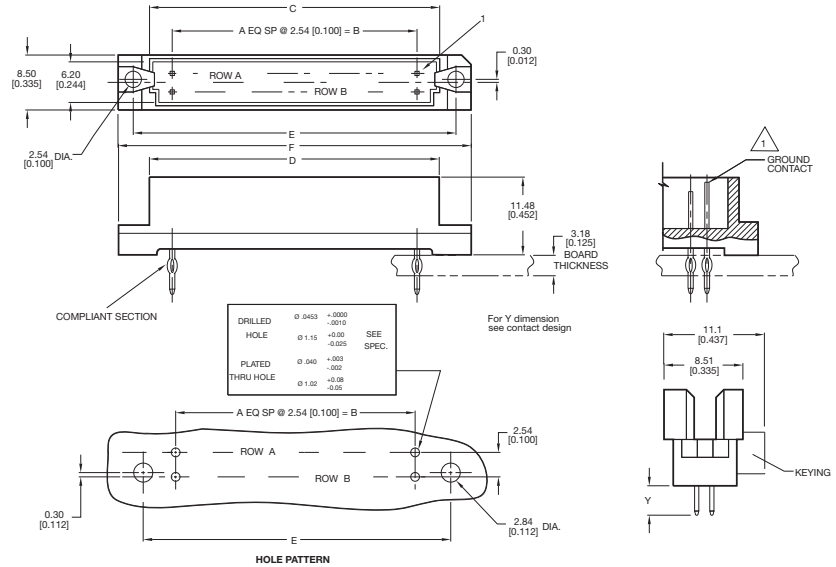


16 contacts, rows a + b even loading



16 contacts, row a loading only

### DIMENSIONS



Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                | F                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|------------------|
| 32                    | 2 (2 x 16)   | 15 | 38.10<br>(1.500) | 44.70<br>(1.760) | 47.29<br>(1.862) | 49.99<br>(1.968) | 54.91<br>(2.162) |

# Female Style Q Press-Fit



## Series 8478 – 2 rows (2 x 32) Inverted



| Contact Design and Termination Length                                      | Number of Contacts | Loading Description | Part Number Performance classes according to DIN 41612 |                     |
|--|--------------------|---------------------|--|---------------------|
|  |                    |                     | II   | I                   |
| for ≥ 2.4 mm PCB's<br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled | 64                 | a + b fully loaded  | 20 8478 064 001 025                                    | 20 8478 064 001 049 |
|  | 32                 | a + b even loading  | 20 8478 064 001 031                                    | 20 8478 064 001 055 |
|  | 32                 | a loading only      | 20 8478 064 001 027                                    | 20 8478 064 001 051 |
| for 1.6 mm PCB's<br>0.6 x 0.6 mm Post Profile<br>2.9 mm (Y) Right Angled   | 64                 | a + b fully loaded  | 20 8478 064 031 025                                    | 20 8478 064 031 049 |
|  | 32                 | a + b even loading  | 20 8478 064 031 031                                    | 20 8478 064 031 055 |
|  | 32                 | a loading only      | 20 8478 064 031 027                                    | 20 8478 064 031 051 |

NB: Alternative Prefix Variations Available: 22, please refer to Page 10.  
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

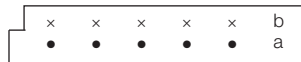
### LOADING DESCRIPTION



64 contacts, rows a + b fully loaded

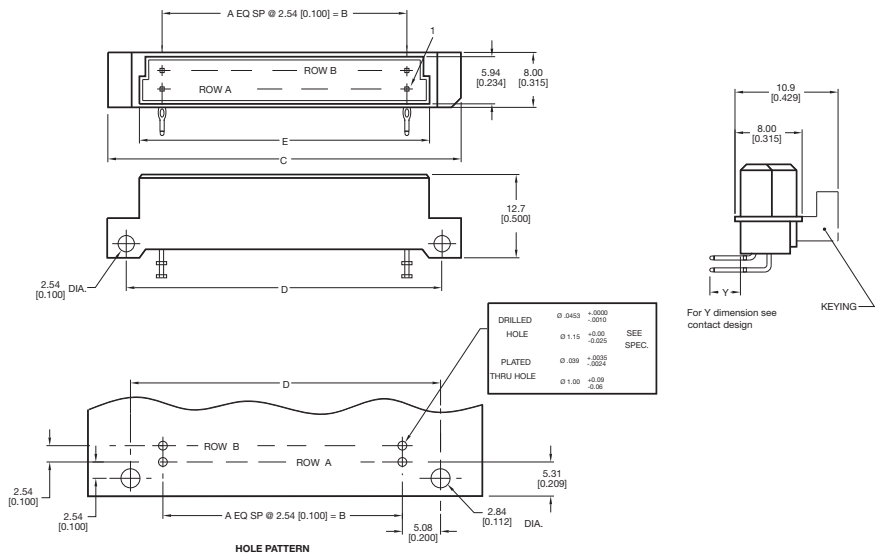


32 contacts, rows a + b even loading



32 contacts, row a loading only

### DIMENSIONS



Assembly Tool: 06 8478 8461 00 000 (see page 67)

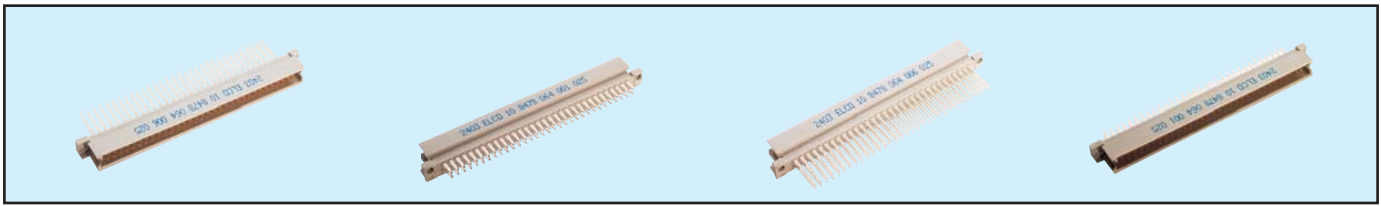
Unit: millimeters (inches)











| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 64                    | 2 (2 x 32)   | 31 | 78.74<br>(3.100) | 93.90<br>(3.697) | 88.90<br>(3.500) | 84.91<br>(3.343) |

# Male Style Q Press-Fit



## Series 8478 – 2 rows (2 x 32) Inverted



| Contact Design and Termination Length   | Number of Contacts | Loading Description   | Part Number Performance classes according to DIN 41612 |                     |
|---|--------------------|-----------------------|--|---------------------|
|   |                    |                       | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight<br>    | 64                 | a + b fully loaded    | 10 8478 064 001 025                                    | 10 8478 064 001 049 |
|   | 32                 | a + b even loading    | 10 8478 064 001 031                                    | 10 8478 064 001 055 |
|   | 32                 | a loading only        | 10 8478 064 001 027                                    | 10 8478 064 001 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 101 025                                    | 10 8478 064 101 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight<br>    | 64                 | a + b fully loaded    | 10 8478 064 002 025                                    | 10 8478 064 002 049 |
|   | 32                 | a + b even loading    | 10 8478 064 002 031                                    | 10 8478 064 002 055 |
|   | 32                 | a loading only        | 10 8478 064 002 027                                    | 10 8478 064 002 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 102 025                                    | 10 8478 064 102 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight<br>   | 64                 | a + b fully loaded    | 10 8478 064 003 025                                    | 10 8478 064 003 049 |
|   | 32                 | a + b even loading    | 10 8478 064 003 031                                    | 10 8478 064 003 055 |
|   | 32                 | a loading only        | 10 8478 064 003 027                                    | 10 8478 064 003 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 103 025                                    | 10 8478 064 103 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>18.2 mm (Y) Straight<br>   | 64                 | a + b fully loaded    | 10 8478 064 004 025                                    | 10 8478 064 004 049 |
|   | 32                 | a + b even loading    | 10 8478 064 004 031                                    | 10 8478 064 004 055 |
|   | 32                 | a loading only        | 10 8478 064 004 027                                    | 10 8478 064 004 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 104 025                                    | 10 8478 064 104 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>14.6 mm (Y) Straight<br> | 64                 | a + b fully loaded    | 10 8478 064 005 025                                    | 10 8478 064 005 049 |
|   | 32                 | a + b even loading    | 10 8478 064 005 031                                    | 10 8478 064 005 055 |
|   | 32                 | a loading only        | 10 8478 064 005 027                                    | 10 8478 064 005 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 105 025                                    | 10 8478 064 105 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight<br> | 64                 | a + b fully loaded    | 10 8478 064 006 025                                    | 10 8478 064 006 049 |
|   | 32                 | a + b even loading    | 10 8478 064 006 031                                    | 10 8478 064 006 055 |
|   | 32                 | a loading only        | 10 8478 064 006 027                                    | 10 8478 064 006 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 106 025                                    | 10 8478 064 106 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight<br> | 64                 | a + b fully loaded    | 10 8478 064 007 025                                    | 10 8478 064 007 049 |
|   | 32                 | a + b even loading    | 10 8478 064 007 031                                    | 10 8478 064 007 055 |
|   | 32                 | a loading only        | 10 8478 064 007 027                                    | 10 8478 064 007 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 107 025                                    | 10 8478 064 107 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.0 mm (Y) Straight<br> | 64                 | a + b fully loaded    | 10 8478 064 008 025                                    | 10 8478 064 008 049 |
|   | 32                 | a + b even loading    | 10 8478 064 008 031                                    | 10 8478 064 008 055 |
|   | 32                 | a loading only        | 10 8478 064 008 027                                    | 10 8478 064 008 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 108 025                                    | 10 8478 064 108 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.9 mm (Y) Straight<br>  | 64                 | a + b fully loaded    | 10 8478 064 009 025                                    | 10 8478 064 009 049 |
|   | 32                 | a + b even loading    | 10 8478 064 009 031                                    | 10 8478 064 009 055 |
|   | 32                 | a loading only        | 10 8478 064 009 027                                    | 10 8478 064 009 051 |
|   | 62 + 2             | fully loaded + ground | 10 8478 064 109 025                                    | 10 8478 064 109 049 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 Post Profile<br>3.0 mm (Y) Straight<br>       | 64                 | a + b fully loaded    | 10 8478 064 031 025                                    | 10 8478 064 031 049 |
|   | 32                 | a + b even loading    | 10 8478 064 031 031                                    | 10 8478 064 031 055 |
|   | 32                 | a loading only        | 10 8478 064 031 027                                    | 10 8478 064 031 051 |
|   | 30 + 2             | fully loaded + ground | 10 8478 064 131 025                                    | 10 8478 064 131 049 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.

Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

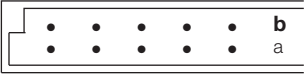
Installed using Flat Rock method (see page 66)

# Male Style Q Press-Fit

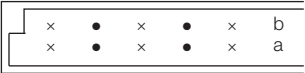
## Series 8478 – 2 rows (2 x 32) Inverted



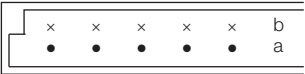
### LOADING DESCRIPTION



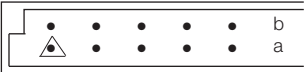
64 contacts, rows a + b fully loaded



32 contacts, rows a + b even loading



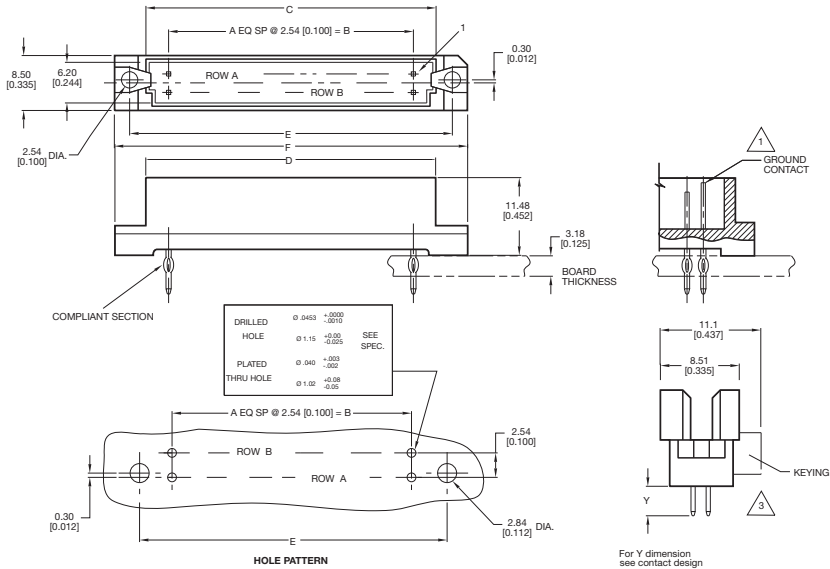
32 contacts, row a loading only



30 + 2 contacts, fully loaded with ground in A1 & A16

△ denotes ground pin

### DIMENSIONS



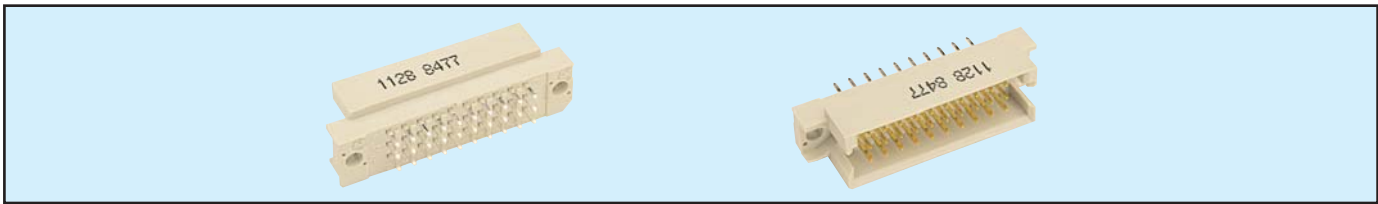
Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                | F                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|------------------|
| 64                    | 2 (2 x 32)   | 31 | 78.74<br>(3.100) | 85.29<br>(3.358) | 87.91<br>(3.461) | 89.99<br>(3.543) | 94.89<br>(3.763) |

# Male Style 1/3 R Press-Fit



## Series 8478 – 3 rows (3 x 10) Inverted

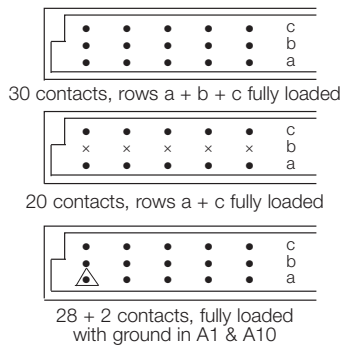


| Contact Design and Termination Length  | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|--|--------------------|------------------------|--|---------------------|
|  |                    |                        | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 30                 | a + b + c fully loaded | 10 8478 030 001 025                                    | 10 8478 030 001 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 001 026                                    | 10 8478 030 001 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 101 025                                    | 10 8478 030 101 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 30                 | a + b + c fully loaded | 10 8478 030 002 025                                    | 10 8478 030 002 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 002 026                                    | 10 8478 030 002 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 102 025                                    | 10 8478 030 102 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 30                 | a + b + c fully loaded | 10 8478 030 003 025                                    | 10 8478 030 003 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 003 026                                    | 10 8478 030 003 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 103 025                                    | 10 8478 030 103 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>18.2 mm (Y) Straight | 30                 | a + b + c fully loaded | 10 8478 030 004 025                                    | 10 8478 030 004 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 004 026                                    | 10 8478 030 004 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 104 025                                    | 10 8478 030 104 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>14.6 mm (Y) Straight | 30                 | a + b + c fully loaded | 10 8478 030 005 025                                    | 10 8478 030 005 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 005 026                                    | 10 8478 030 005 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 105 025                                    | 10 8478 030 105 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 30                 | a + b + c fully loaded | 10 8478 030 006 025                                    | 10 8478 030 006 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 006 026                                    | 10 8478 030 006 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 106 025                                    | 10 8478 030 106 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 30                 | a + b + c fully loaded | 10 8478 030 007 026                                    | 10 8478 030 007 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 007 026                                    | 10 8478 030 007 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 107 025                                    | 10 8478 030 107 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.0 mm (Y) Straight | 30                 | a + b + c fully loaded | 10 8478 030 008 025                                    | 10 8478 030 008 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 008 026                                    | 10 8478 030 008 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 108 025                                    | 10 8478 030 108 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.9 mm (Y) Straight  | 30                 | a + b + c fully loaded | 10 8478 030 009 025                                    | 10 8478 030 009 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 009 026                                    | 10 8478 030 009 050 |
|  | 28 + 2             | fully loaded + ground  | 10 8478 030 109 025                                    | 10 8478 030 109 049 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Straight    | 30                 | a + b + c fully loaded | 10 8478 030 031 025                                    | 10 8478 030 031 049 |
|  | 20                 | a + c fully loaded     | 10 8478 030 031 026                                    | 10 8478 030 031 050 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.  
 Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

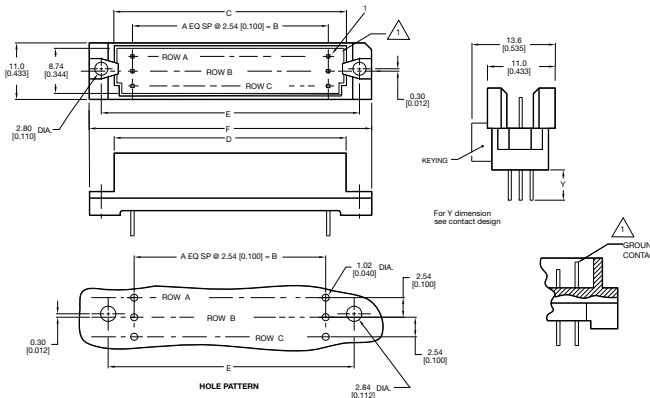
Installed using Flat Rock method (see page 66)

### LOADING DESCRIPTION



△ denotes ground pin

### DIMENSIONS



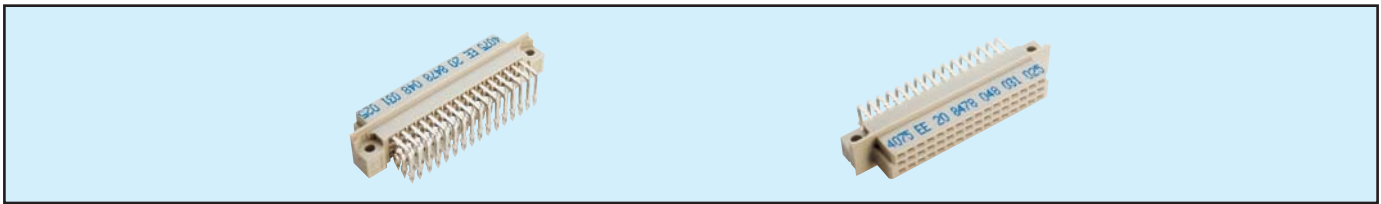
Unit: millimeters (inches)

| No. Contact Positions | 30            |
|-----------------------|---------------|
| Contact Rows          | 3 (3 x 10)    |
| <b>A</b>              | 9             |
| <b>B</b>              | 22.86 (0.900) |
| <b>C</b>              | 29.44 (1.159) |
| <b>D</b>              | 32.12 (1.265) |
| <b>E</b>              | 34.76 (1.368) |
| <b>F</b>              | 39.76 (1.565) |

# Female Style 1/2 R Press-Fit



## Series 8478 – 3 rows (3 x 16) Inverted

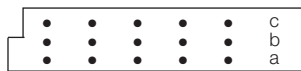


| Contact Design and Termination Length   | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|---|--------------------|------------------------|--|---------------------|
|   |                    |                        | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled | 48                 | a + b + c fully loaded | 20 8478 048 001 025                                    | 20 8478 048 001 049 |
|   |                    | a + c fully loaded     | 20 8478 048 001 026                                    | 20 8478 048 001 050 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>2.9 mm (Y) Right Angled   | 32                 | a + b + c fully loaded | 20 8478 048 031 025                                    | 20 8478 048 031 049 |
|   |                    | a + c fully loaded     | 20 8478 048 031 026                                    | 20 8478 048 031 050 |

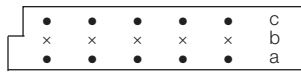
NB: Alternative Prefix Variations Available: 22, please refer to Page 10.

Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION

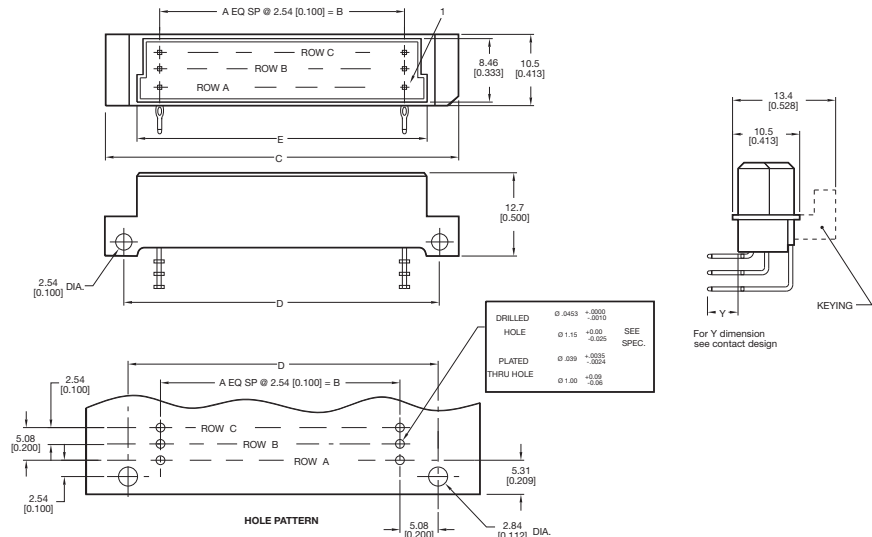


48 contacts, rows a + b + c fully loaded



32 contacts, rows a + c fully loaded

### DIMENSIONS



Assembly Tool: 06 8478 8471 00 000 (see page 67)

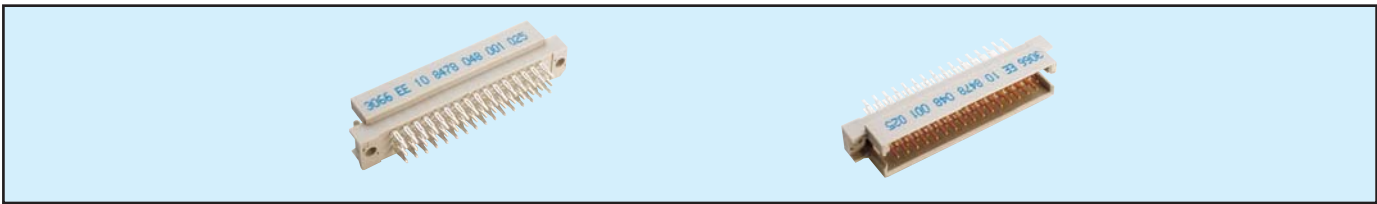
Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 48                    | 3 (3 x 16)   | 31 | 38.10<br>(1.500) | 53.90<br>(2.122) | 48.26<br>(1.900) | 44.30<br>(1.744) |

# Male Style 1/2 R Press-Fit



## Series 8478 – 3 rows (3 x 16) Inverted



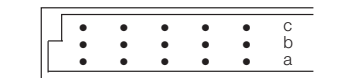
| Contact Design and Termination Length  | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|--|--------------------|------------------------|--|---------------------|
|  |                    |                        | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 48                 | a + b + c fully loaded | 10 8478 048 001 025                                    | 10 8478 048 001 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 001 026                                    | 10 8478 048 001 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 101 025                                    | 10 8478 048 101 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 48                 | a + b + c fully loaded | 10 8478 048 002 025                                    | 10 8478 048 002 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 002 026                                    | 10 8478 048 002 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 102 025                                    | 10 8478 048 102 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 48                 | a + b + c fully loaded | 10 8478 048 003 025                                    | 10 8478 048 003 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 003 026                                    | 10 8478 048 003 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 103 025                                    | 10 8478 048 103 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>18.2 mm (Y) Straight | 48                 | a + b + c fully loaded | 10 8478 048 004 025                                    | 10 8478 048 004 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 004 026                                    | 10 8478 048 004 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 104 025                                    | 10 8478 048 104 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>14.6 mm (Y) Straight | 48                 | a + b + c fully loaded | 10 8478 048 005 025                                    | 10 8478 048 005 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 005 026                                    | 10 8478 048 005 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 105 025                                    | 10 8478 048 105 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 48                 | a + b + c fully loaded | 10 8478 048 006 025                                    | 10 8478 048 006 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 006 026                                    | 10 8478 048 006 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 106 025                                    | 10 8478 048 106 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 48                 | a + b + c fully loaded | 10 8478 048 007 026                                    | 10 8478 048 007 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 007 026                                    | 10 8478 048 007 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 107 025                                    | 10 8478 048 107 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.0 mm (Y) Straight | 48                 | a + b + c fully loaded | 10 8478 048 008 025                                    | 10 8478 048 008 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 008 026                                    | 10 8478 048 008 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 108 025                                    | 10 8478 048 108 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.9 mm (Y) Straight  | 48                 | a + b + c fully loaded | 10 8478 048 009 025                                    | 10 8478 048 009 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 009 026                                    | 10 8478 048 009 050 |
|  | 46 + 2             | fully loaded + ground  | 10 8478 048 109 025                                    | 10 8478 048 109 049 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Straight    | 48                 | a + b + c fully loaded | 10 8478 048 031 025                                    | 10 8478 048 031 049 |
|  | 32                 | a + c fully loaded     | 10 8478 048 031 026                                    | 10 8478 048 031 050 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.

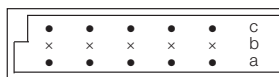
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

### LOADING DESCRIPTION DIMENSIONS



48 contacts, rows a + b + c fully loaded

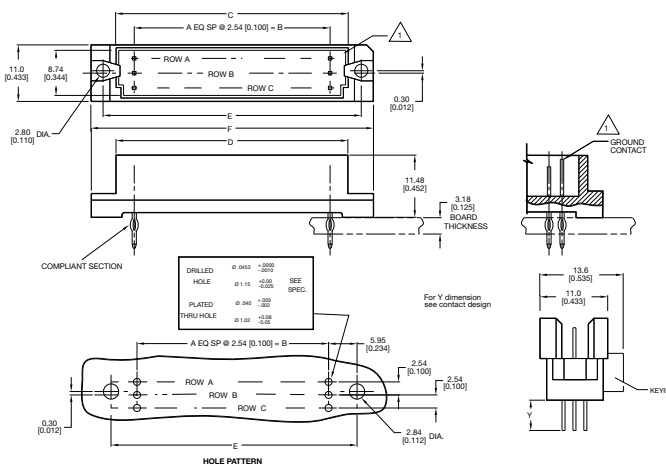


32 contacts, rows a + c fully loaded



46 + 2 contacts, fully loaded with ground in A1 & A16

△ denotes ground pin



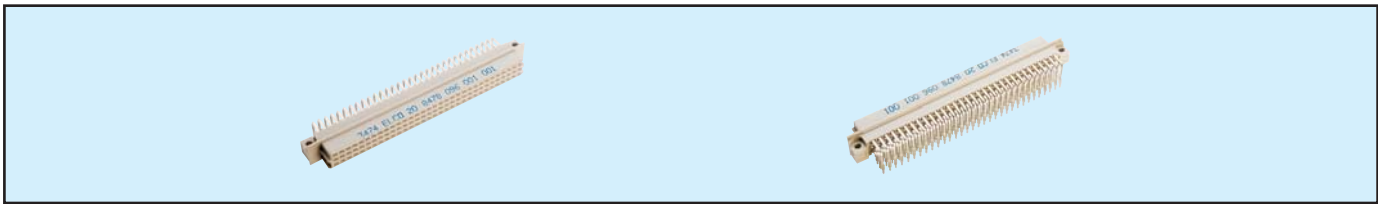
Unit: millimeters (inches)

| No. Contact Positions | 48            |
|-----------------------|---------------|
| Contact Rows          | 3 (3 x 16)    |
| A                     | 15            |
| B                     | 38.10 (1.500) |
| C                     | 44.70 (1.760) |
| D                     | 47.29 (1.862) |
| E                     | 50.00 (1.968) |
| F                     | 54.91 (2.162) |

# Female Style R Press-Fit



## Series 8478 – 3 rows (3 x 32) Inverted

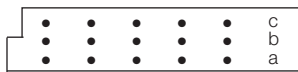


| Contact Design and Termination Length   | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|---|--------------------|------------------------|--|---------------------|
|   |                    |                        | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm Right Angled | 96                 | a + b + c fully loaded | 20 8478 096 001 025                                    | 20 8478 096 001 049 |
|   | 64                 | a + c fully loaded     | 20 8478 096 001 026                                    | 20 8478 096 001 050 |
|   | 32                 | a + c even loading     | 20 8478 096 001 033                                    | 20 8478 096 001 057 |
|   | 32                 | a loading only         | 20 8478 096 001 027                                    | 20 8478 096 001 051 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>2.9 mm Right Angled   | 96                 | a + b + c fully loaded | 20 8478 096 031 025                                    | 20 8478 096 031 049 |
|   | 64                 | a + c fully loaded     | 20 8478 096 031 026                                    | 20 8478 096 031 050 |
|   | 32                 | a + c even loading     | 20 8478 096 031 033                                    | 20 8478 096 031 057 |
|   | 32                 | a loading only         | 20 8478 096 031 027                                    | 20 8478 096 031 051 |

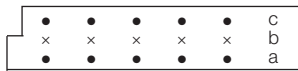
NB: Alternative Prefix Variations Available: 22, please refer to Page 10.

Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION



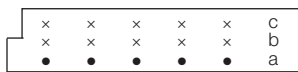
96 contacts, rows a + b + c fully loaded



64 contacts, rows a + c fully loaded

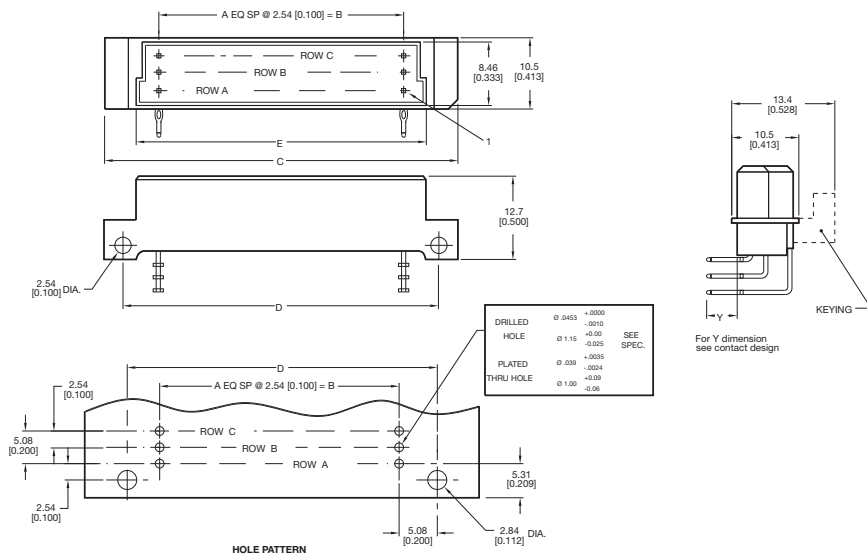


32 contacts, rows a + c even loading



32 contacts, rows a loading only

### DIMENSIONS



Assembly Tool: 06 8478 8471 00 000 (see page 67)

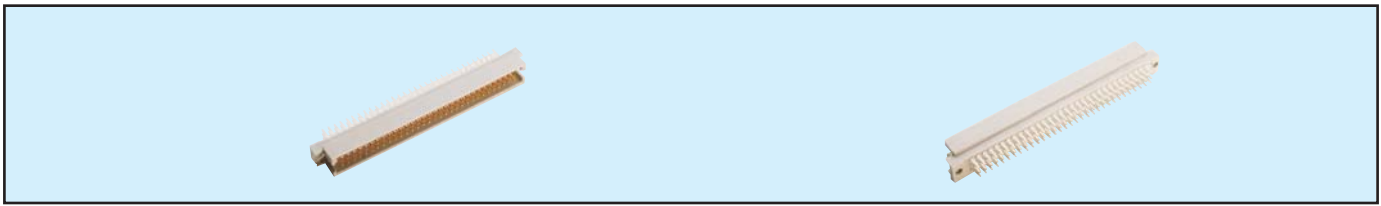
Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 96                    | 3 (3 x 32)   | 31 | 78.74<br>(3.100) | 93.90<br>(3.697) | 88.90<br>(3.500) | 84.91<br>(3.343) |

# Male Style R Press-Fit



## Series 8478 – 3 rows (3 x 32) Inverted



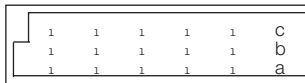
| Contact Design and Termination Length  | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|--|--------------------|------------------------|--|---------------------|
|  |                    |                        | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 96                 | a + b + c fully loaded | 10 8478 096 001 025                                    | 10 8478 096 001 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 001 026                                    | 10 8478 096 001 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 101 025                                    | 10 8478 096 101 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 96                 | a + b + c fully loaded | 10 8478 096 002 025                                    | 10 8478 096 002 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 002 026                                    | 10 8478 096 002 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 102 025                                    | 10 8478 096 102 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 96                 | a + b + c fully loaded | 10 8478 096 003 025                                    | 10 8478 096 003 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 003 026                                    | 10 8478 096 003 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 103 025                                    | 10 8478 096 103 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>18.2 mm (Y) Straight | 96                 | a + b + c fully loaded | 10 8478 096 004 025                                    | 10 8478 096 004 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 004 026                                    | 10 8478 096 004 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 104 025                                    | 10 8478 096 104 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>14.6 mm (Y) Straight | 96                 | a + b + c fully loaded | 10 8478 096 005 025                                    | 10 8478 096 005 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 005 026                                    | 10 8478 096 005 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 105 025                                    | 10 8478 096 105 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 96                 | a + b + c fully loaded | 10 8478 096 006 025                                    | 10 8478 096 006 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 006 026                                    | 10 8478 096 006 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 106 025                                    | 10 8478 096 106 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 96                 | a + b + c fully loaded | 10 8478 096 007 025                                    | 10 8478 096 007 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 007 026                                    | 10 8478 096 007 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 107 025                                    | 10 8478 096 107 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.0 mm (Y) Straight | 96                 | a + b + c fully loaded | 10 8478 096 008 025                                    | 10 8478 096 008 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 008 026                                    | 10 8478 096 008 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 108 025                                    | 10 8478 096 108 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.9 mm (Y) Straight  | 96                 | a + b + c fully loaded | 10 8478 096 009 025                                    | 10 8478 096 009 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 009 026                                    | 10 8478 096 009 050 |
|  | 94 + 2             | fully loaded + ground  | 10 8478 096 109 025                                    | 10 8478 096 109 049 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 Post Profile<br>3.0 mm (Y) Straight       | 96                 | a + b + c fully loaded | 10 8478 096 031 025                                    | 10 8478 096 031 049 |
|  | 64                 | a + c fully loaded     | 10 8478 096 031 026                                    | 10 8478 096 031 050 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.

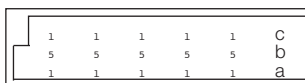
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

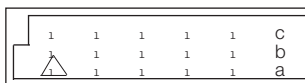
### LOADING DESCRIPTION



96 contacts, rows a + b + c fully loaded



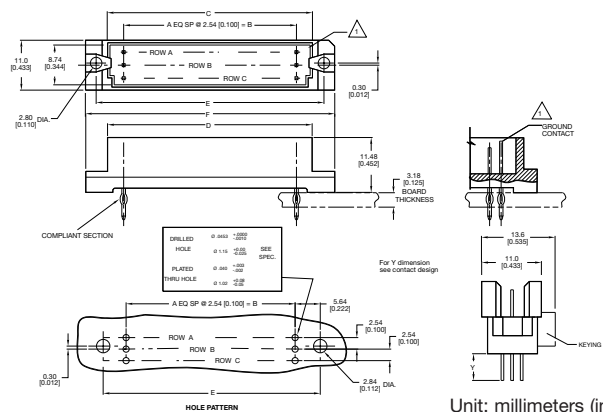
64 contacts, rows a + c fully loaded



94 + 2 contacts, fully loaded with ground in A1 & A32

△ denotes ground pin

### DIMENSIONS



Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E               | F                |
|-----------------------|--------------|----|------------------|------------------|------------------|-----------------|------------------|
| 96                    | 3 (3 x 32)   | 31 | 78.74<br>(3.100) | 85.29<br>(3.358) | 87.91<br>(3.461) | 90.0<br>(3.543) | 94.89<br>(3.736) |

# Female Style R Expanded Press-Fit



## Series 8478 – 3 rows (3 x 50) Inverted

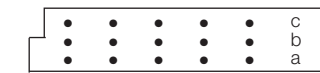


| Contact Design and Termination Length   | Number of Contacts | Loading Description    | Part Number Performance classes according to DIN 41612 |                     |
|---|--------------------|------------------------|--|---------------------|
|   |                    |                        | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled | 150                | a + b + c fully loaded | 20 8478 150 001 025                                    | 20 8478 150 001 049 |
|   | 100                | a + c fully loaded     | 20 8478 150 001 026                                    | 20 8478 150 001 050 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>2.9 mm (Y) Right Angled   | 150                | a + b + c fully loaded | 20 8478 150 031 025                                    | 20 8478 150 031 049 |
|   | 100                | a + c fully loaded     | 20 8478 150 031 026                                    | 20 8478 150 031 050 |

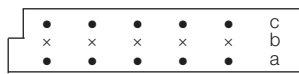
NB: Alternative Prefix Variations Available: 22, please refer to Page 10.

Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION

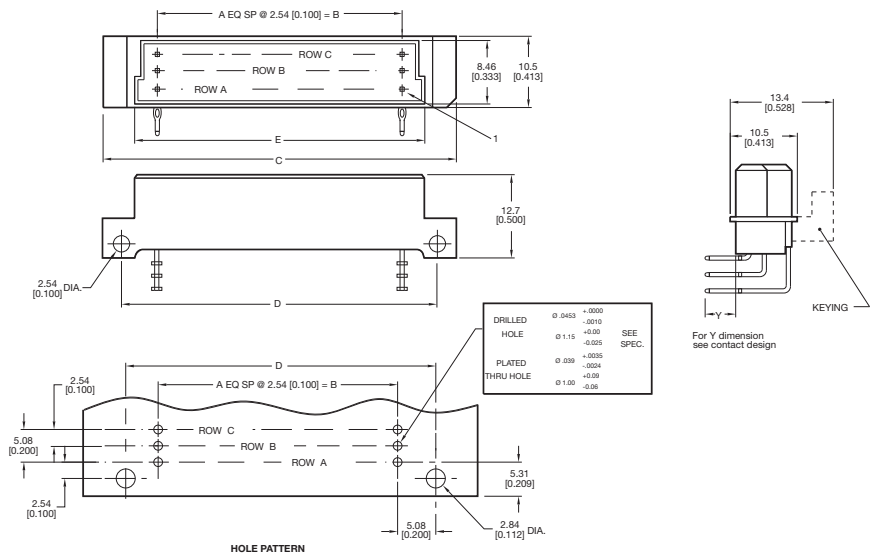


150 contacts, rows a + b + c fully loaded



100 contacts, rows a + c fully loaded

### DIMENSIONS



Assembly Tool: 06 8478 8401 00 000 (see page 67)

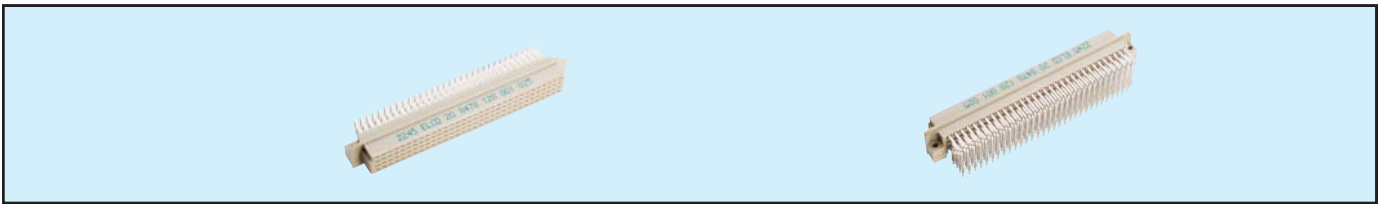
Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                 | C                 | D                 | E                 |
|-----------------------|--------------|----|-------------------|-------------------|-------------------|-------------------|
| 150                   | 3 (3 x 50)   | 49 | 124.46<br>(4.900) | 139.70<br>(5.500) | 134.62<br>(5.300) | 130.70<br>(5.145) |

# Female Style R Expanded Press-Fit



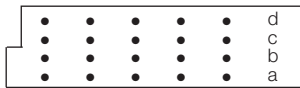
## Series 8478 – 4 rows (4 x 32) Inverted



| Contact Design and Termination Length   | Number of Contacts | Loading Description        | Part Number Performance classes according to DIN 41612 |                     |
|---|--------------------|----------------------------|--|---------------------|
|   |                    |                            | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled | 128                | a + b + c + d fully loaded | 20 8478 128 001 025                                    | 20 8478 128 001 049 |
|   |                    |                            |  |                     |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>2.9 mm (Y) Right Angled   | 128                | a + b + c + d fully loaded | 20 8478 128 031 025                                    | 20 8478 128 031 049 |
|   |                    |                            |  |                     |

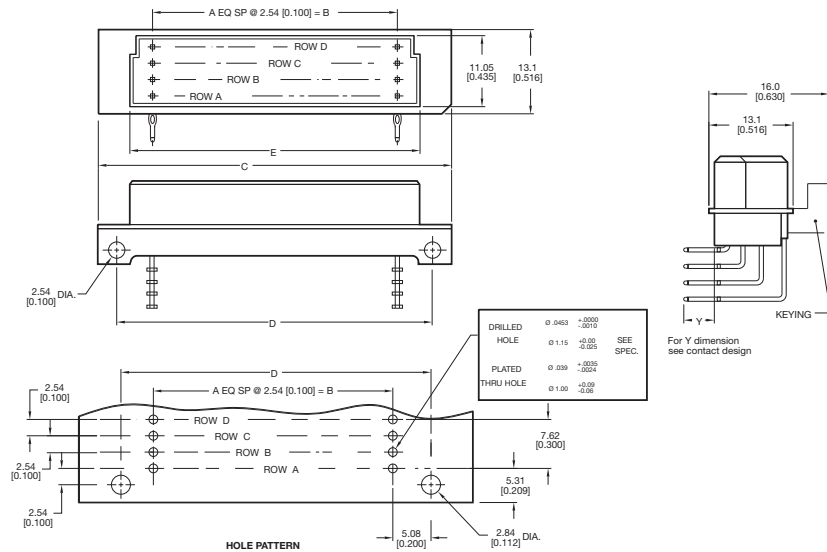
NB: Alternative Prefix Variations Available: 22, please refer to Page 10.  
 Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION



128 contacts,  
 rows a + b + c + d fully loaded

### DIMENSIONS



Assembly Tool: 06 8478 8481 00 000 (see page 67)

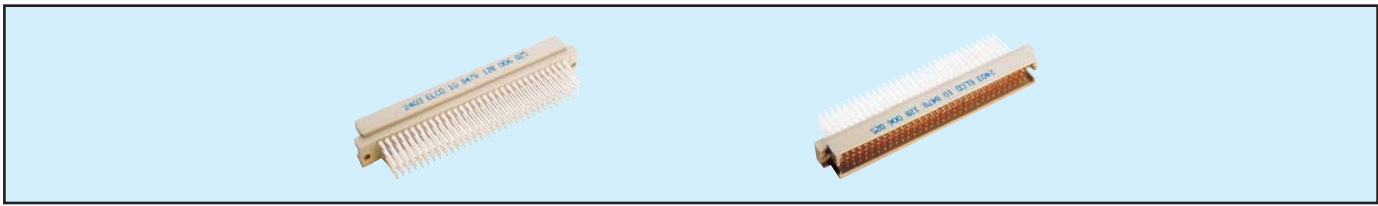
Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 128                   | 4 (4 x 32)   | 31 | 78.74<br>(3.100) | 93.90<br>(3.697) | 88.90<br>(3.500) | 84.91<br>(3.343) |

# Male Style R Expanded Press-Fit



## Series 8478 – 4 rows (4 x 32) Inverted



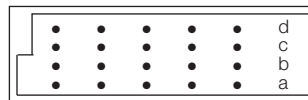
| Contact Design and Termination Length  | Number of Contacts | Loading Description        | Part Number Performance classes according to DIN 41612 |                     |
|--|--------------------|----------------------------|--|---------------------|
|  |                    |                            | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 128                | a + b + c + d fully loaded | 10 8478 128 001 025                                    | 10 8478 128 001 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 101 025                                    | 10 8478 128 101 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 128                | a + b + c + d fully loaded | 10 8478 128 002 025                                    | 10 8478 128 002 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 102 025                                    | 10 8478 128 102 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 128                | a + b + c + d fully loaded | 10 8478 128 003 025                                    | 10 8478 128 003 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 103 025                                    | 10 8478 128 103 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>18.2 mm (Y) Straight | 128                | a + b + c + d fully loaded | 10 8478 128 004 025                                    | 10 8478 128 004 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 104 025                                    | 10 8478 128 104 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>14.6 mm (Y) Straight | 128                | a + b + c + d fully loaded | 10 8478 128 005 025                                    | 10 8478 128 005 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 105 025                                    | 10 8478 128 105 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 128                | a + b + c + d fully loaded | 10 8478 128 006 025                                    | 10 8478 128 006 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 106 025                                    | 10 8478 128 106 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 128                | a + b + c + d fully loaded | 10 8478 128 007 025                                    | 10 8478 128 007 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 107 025                                    | 10 8478 128 107 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.0 mm (Y) Straight | 128                | a + b + c + d fully loaded | 10 8478 128 008 025                                    | 10 8478 128 008 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 108 025                                    | 10 8478 128 108 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.9 mm (Y) Straight  | 128                | a + b + c + d fully loaded | 10 8478 128 009 025                                    | 10 8478 128 009 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 109 025                                    | 10 8478 128 109 049 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Straight    | 128                | a + b + c + d fully loaded | 10 8478 128 031 025                                    | 10 8478 128 031 049 |
|  | 126 + 2            | fully loaded + ground      | 10 8478 128 131 025                                    | 10 8478 128 131 049 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.

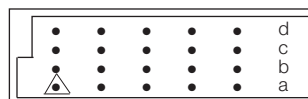
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

### LOADING DESCRIPTION



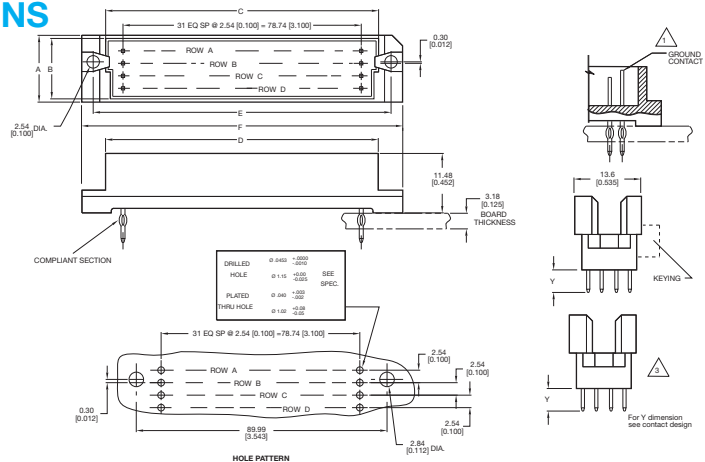
128 contacts, rows a + b + c + d fully loaded



126 + 2 contacts, fully loaded with ground in A1 & A30

△ denotes ground pin

### DIMENSIONS



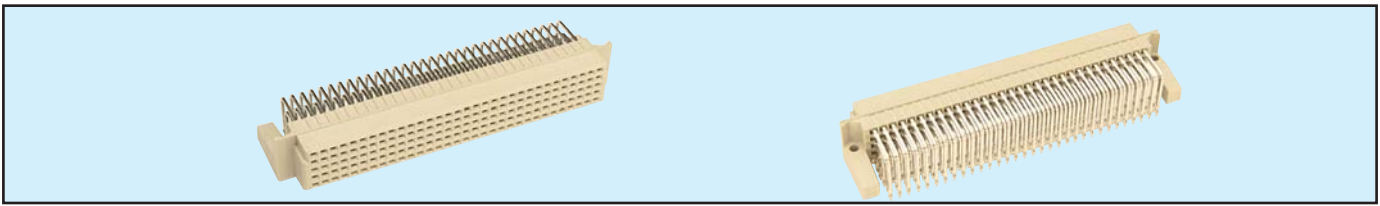
Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A                | B                | C                | D                | E                | F                |
|-----------------------|--------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 128                   | 4 (4 x 32)   | 13.60<br>(0.535) | 11.28<br>(0.444) | 85.29<br>(3.358) | 87.88<br>(3.460) | 89.90<br>(3.539) | 94.89<br>(3.736) |

# Female Style R Expanded Press-Fit



## Series 8478 – 5 rows (5 x 32) Inverted

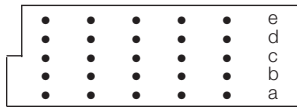


| Contact Design and Termination Length   | Number of Contacts | Loading Description            | Part Number                                   |                     |
|---|--------------------|--------------------------------|---|---------------------|
|   |                    |                                | Performance classes according to DIN 41612 II | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Right Angled | 160                | a + b + c + d + e fully loaded | 20 8478 160 001 025                           | 20 8478 160 001 049 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>2.9 mm (Y) Right Angled   |                    |                                | 20 8478 160 031 025                           | 20 8478 160 031 049 |
| please contact your local AVX sales office  |                    |                                |   |                     |

NB: Alternative Prefix Variations Available: 22, please refer to Page 10.

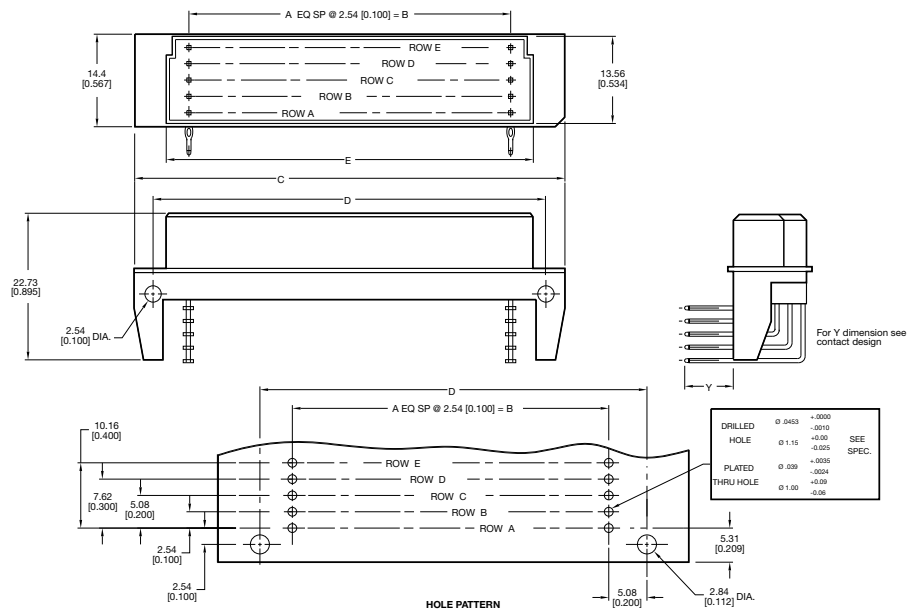
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

### LOADING DESCRIPTION



160 contacts,  
rows a + b + c + d + e fully loaded

### DIMENSIONS



Assembly Tool: 06 8478 8491 00 000 (see page 67)

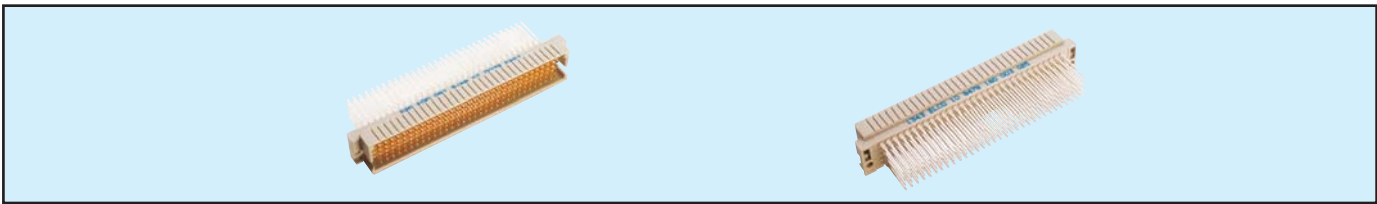
Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A  | B                | C                | D                | E                |
|-----------------------|--------------|----|------------------|------------------|------------------|------------------|
| 160                   | 5 (5 x 32)   | 31 | 78.74<br>(3.100) | 94.00<br>(3.700) | 88.90<br>(3.500) | 85.00<br>(3.346) |

# Male Style R Expanded Press-Fit



## Series 8478 – 5 rows (5 x 32) Inverted



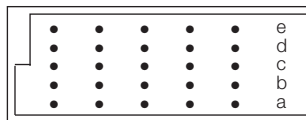
| Contact Design and Termination Length  | Number of Contacts | Loading Description            | Part Number Performance classes according to DIN 41612 |                     |
|--|--------------------|--------------------------------|--|---------------------|
|  |                    |                                | II   | I                   |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>5.3 mm (Y) Straight  | 160                | a + b + c + d + e fully loaded | 10 8478 160 001 025                                    | 10 8478 160 001 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 101 025                                    | 10 8478 160 101 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>9.3 mm (Y) Straight  | 160                | a + b + c + d + e fully loaded | 10 8478 160 002 025                                    | 10 8478 160 002 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 102 025                                    | 10 8478 160 102 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>16.2 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 10 8478 160 003 025                                    | 10 8478 160 003 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 103 025                                    | 10 8478 160 103 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>18.2 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 10 8478 160 004 025                                    | 10 8478 160 004 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 104 025                                    | 10 8478 160 104 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>13.2 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 10 8478 160 006 025                                    | 10 8478 160 006 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 106 025                                    | 10 8478 160 106 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>23.2 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 10 8478 160 007 025                                    | 10 8478 160 007 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 107 025                                    | 10 8478 160 107 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>20.0 mm (Y) Straight | 160                | a + b + c + d + e fully loaded | 10 8478 160 008 025                                    | 10 8478 160 008 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 108 025                                    | 10 8478 160 108 049 |
| <b>for ≥ 2.4 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.9 mm (Y) Straight  | 160                | a + b + c + d + e fully loaded | 10 8478 160 009 025                                    | 10 8478 160 009 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 109 025                                    | 10 8478 160 109 049 |
| <b>for 1.6 mm PCB's</b><br>0.6 x 0.6 mm Post Profile<br>3.0 mm (Y) Straight    | 160                | a + b + c + d fully loaded     | 10 8478 160 031 025                                    | 10 8478 160 031 049 |
|  | 158 + 2            | fully loaded + ground          | 10 8478 160 131 025                                    | 10 8478 160 131 049 |

NB: Alternative Prefix Variations Available: 21, 22 & 23, please refer to Page 10.

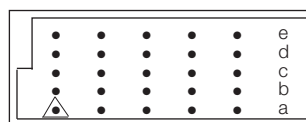
Additional Plating & Loading Variations: Please contact your local AVX sales office or distributor.

Installed using Flat Rock method (see page 66)

### LOADING DESCRIPTION



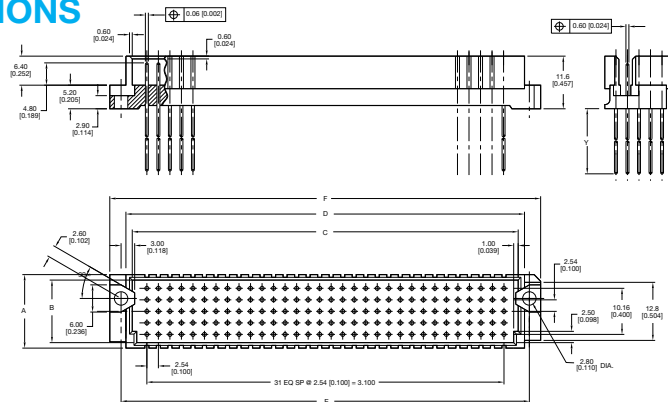
160 contacts,  
rows a + b + c + d + e fully loaded



158 + 2 contacts, fully loaded  
with ground in A1 & A32

△ denotes ground pin

### DIMENSIONS



Unit: millimeters (inches)

| No. Contact Positions | Contact Rows | A                | B                | C                | D                | E                | F                |
|-----------------------|--------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 160                   | 5 (5 x 32)   | 16.20<br>(0.638) | 13.80<br>(0.543) | 85.29<br>(3.358) | 87.88<br>(3.460) | 89.90<br>(3.539) | 94.89<br>(3.736) |

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[208478096031049](#) [208478128001049](#) [208478160031025](#) [108478096003097](#) [108478064001001](#) [108478096006097](#)  
[598478048000016](#) [598478048000015](#)