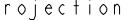



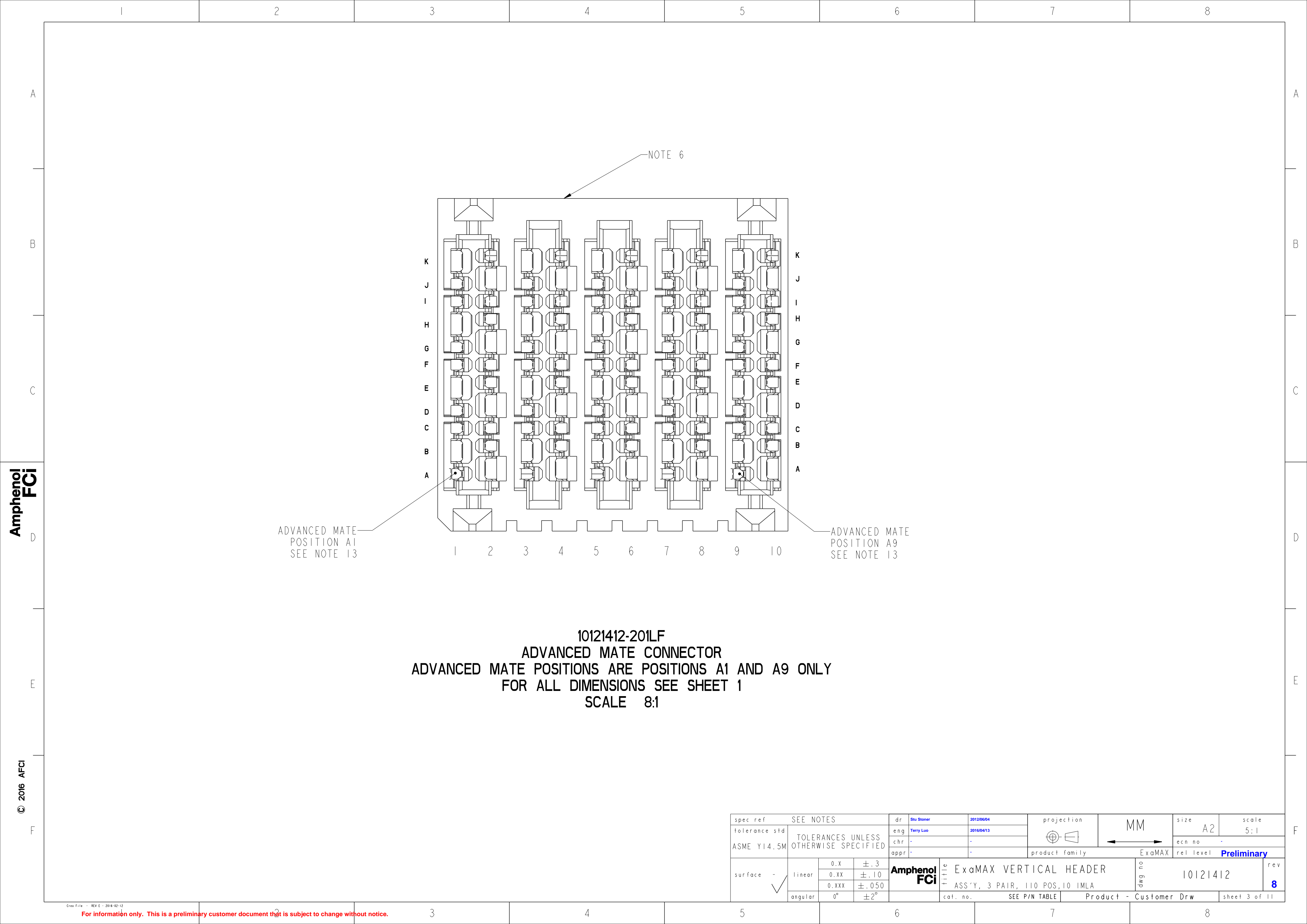


Amphenol
FCi



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RECOMMENDED PCB LAYOUT FOR
10121412-Y01LF COMPONENT SIDE
SEE NOTES 7, 8, 9 & 11
SCALE 8:1

| | | | | | | | | | | | | | |
|---|---------------------------------------|---------|-------|---|--|------------|---------------|---|---|----------------|--------|---------------|-------------|
| spec ref | SEE NOTES | | | | dr | Shu Stoner | 2012/06/04 |  |  | size | A2 | scale | 5:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | eng | Terry Luo | 2016/04/13 | | | ecn no | - | | |
| ASME Y14.5M | | | | | chr | - | - | | | product family | ExaMAX | rel level | Preliminary |
| | | | | | appr | - | - | | | | | | |
| surface -  | linear | 0.X | ±.3 |  | title ExaMAX VERTICAL HEADER ASS'Y, 3 PAIR, 110 POS, 10 IMLA | | | | dwg no | 10121412 | | rev | 8 |
| | | 0.XX | ±.10 | | | | | | | | | | |
| | | 0.XXX | ±.050 | | | | | | | | | | |
| | | angular | 0° | ±2° | | cat. no. | SEE P/N TABLE | Product - Customer Drw | | | | sheet 2 of 11 | |

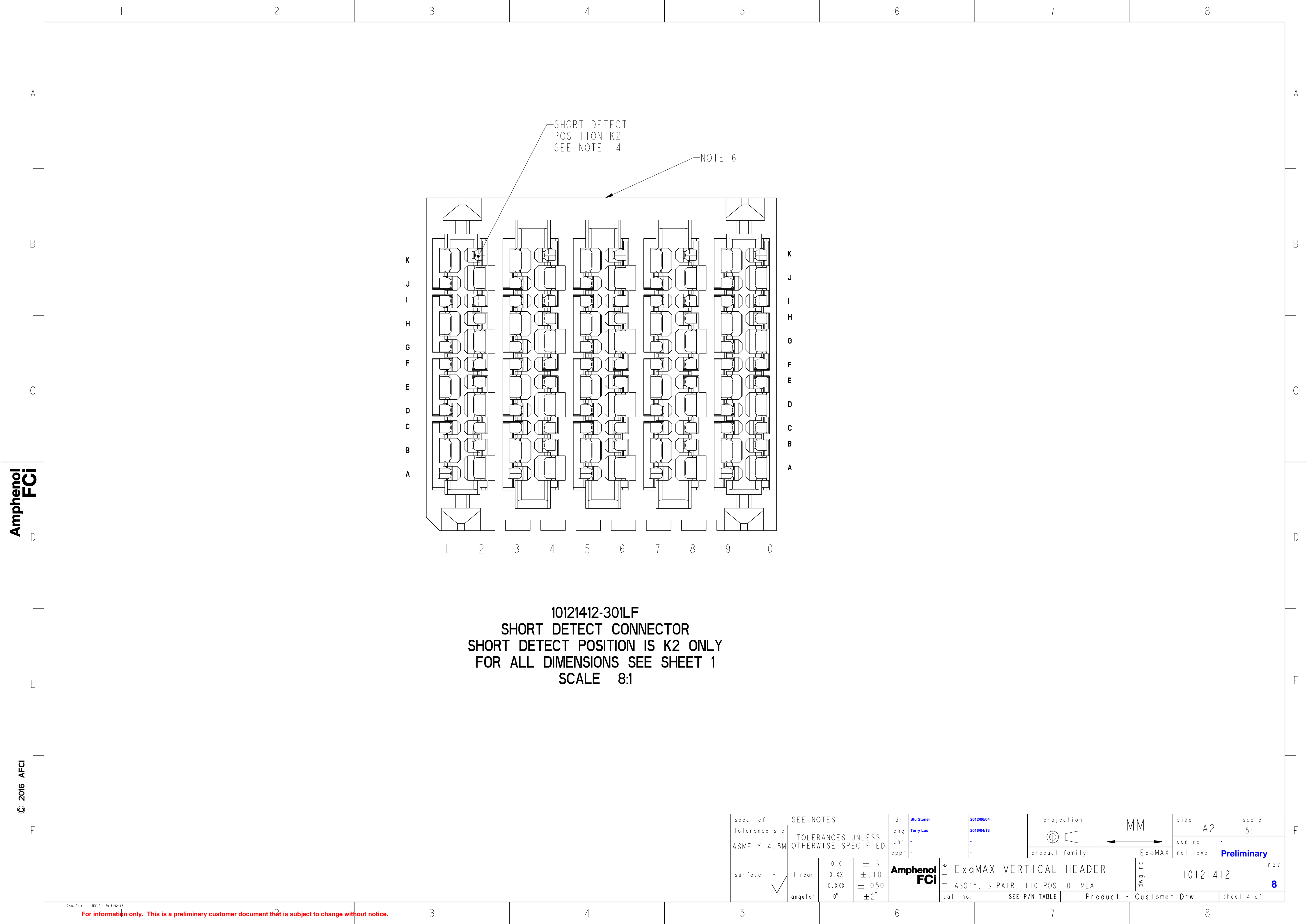


10121412-201LF
ADVANCED MATE CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A9 ONLY
FOR ALL DIMENSIONS SEE SHEET 1
SCALE 8:1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|---------------------------------------|--|-------|------|-------|------------|-----------------|------------|-------|---|---|---|--|--------|--|----|--------|-----------|----------|-------------|-----|--|---|--|
| spec ref | | SEE NOTES | | | dr | | Stu Stoner | | 2012/06/04 | | projection | | <div>MM</div> | | size | | A2 | | scale | | 5:1 | | | | |
| tolerance std | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | | Terry Luo | | 2016/04/13 | |  | |  | | ecn no | | - | | rel level | | Preliminary | | | | |
| ASME Y14.5M | | | | | chr | | - | | - | | | | | | - | | | | | | | | | | |
| | | | | | appr | | - | | - | | | | | | - | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | product family | | ExaMAX | | | | | | | | | | | | |
| surface - <div>✓</div> | | linear | | 0.X | | ±.3 | | Amphenol FCI | | title | | ExaMAX VERTICAL HEADER ASS'Y, 3 PAIR, 110 POS, 10 IMLA | | | | | | dwg no | | 10121412 | | rev | | 8 | |
| | | | | 0.XX | | ±.10 | | | | | | | | | | | | | | | | | | | |
| | | | | 0.XXX | | ±.050 | | | | | | | | | | | | | | | | | | | |
| | | angular | | 0° | | ±2° | | | | | | | | | | | | | | | | | | | |

Amphenol FCI

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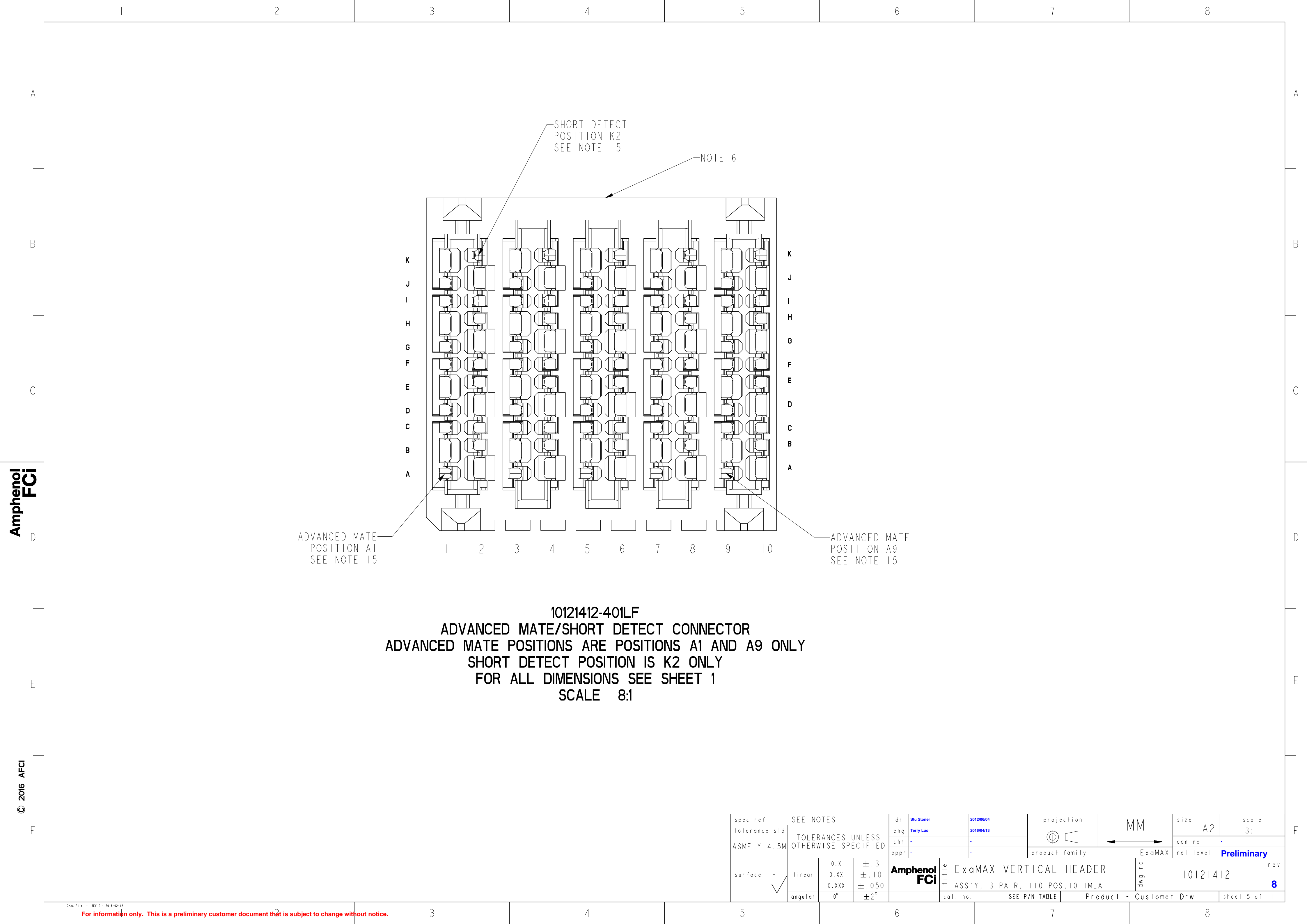


10121412-301LF
SHORT DETECT CONNECTOR
SHORT DETECT POSITION IS K2 ONLY
FOR ALL DIMENSIONS SEE SHEET 1
SCALE 8:1

| | | | | | | | | | | | | | |
|---|---------------------------------------|---------|-------|-----------------|-------|---------------------------------|------------|-----------------------------------|---------------------------|----------------|-------------|-------|-----|
| spec ref | SEE NOTES | | | | dr | Stu Stoner | 2012/06/04 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size | A2 | scale | 5:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | eng | Terry Luo | 2016/04/13 | | | ecn no | - | | |
| ASME Y14.5M | | | | | chr | - | - | | | rel level | Preliminary | | |
| | | | | | appr | - | - | | | product family | ExaMAX | | |
| <div>surface</div> <div>-</div> <div></div> | linear | 0.X | ±.3 | Amphenol FCI | title | ExaMAX VERTICAL HEADER | | | | dwg no | 10121412 | rev | 8 |
| | | 0.XX | ±.10 | | | ASS'Y, 3 PAIR, 110 POS, 10 IMLA | | | | | | | |
| | | 0.XXX | ±.050 | | | | | | | | | | |
| | | angular | 0° | | | | | | | | | | |

Amphenol FCI

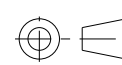

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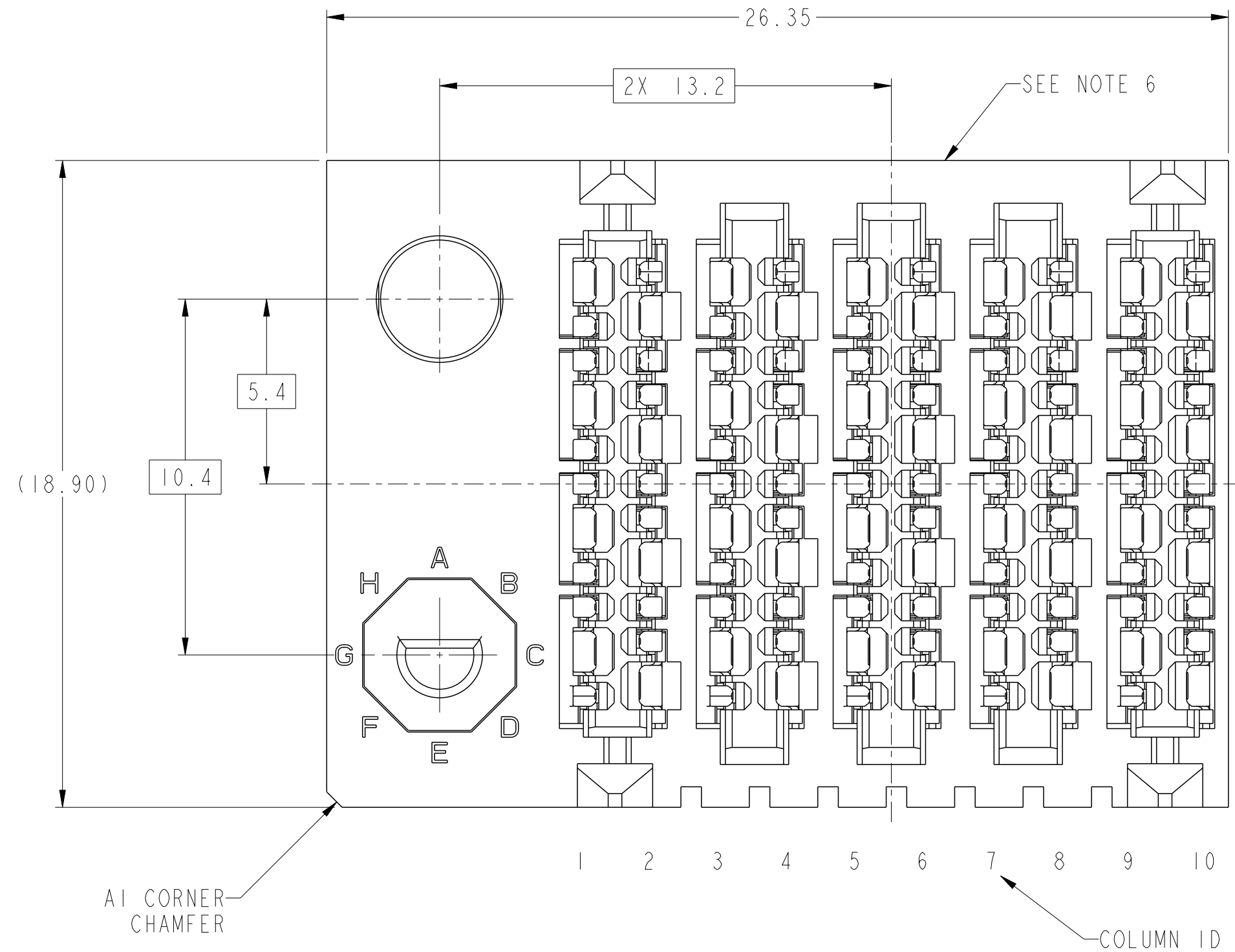
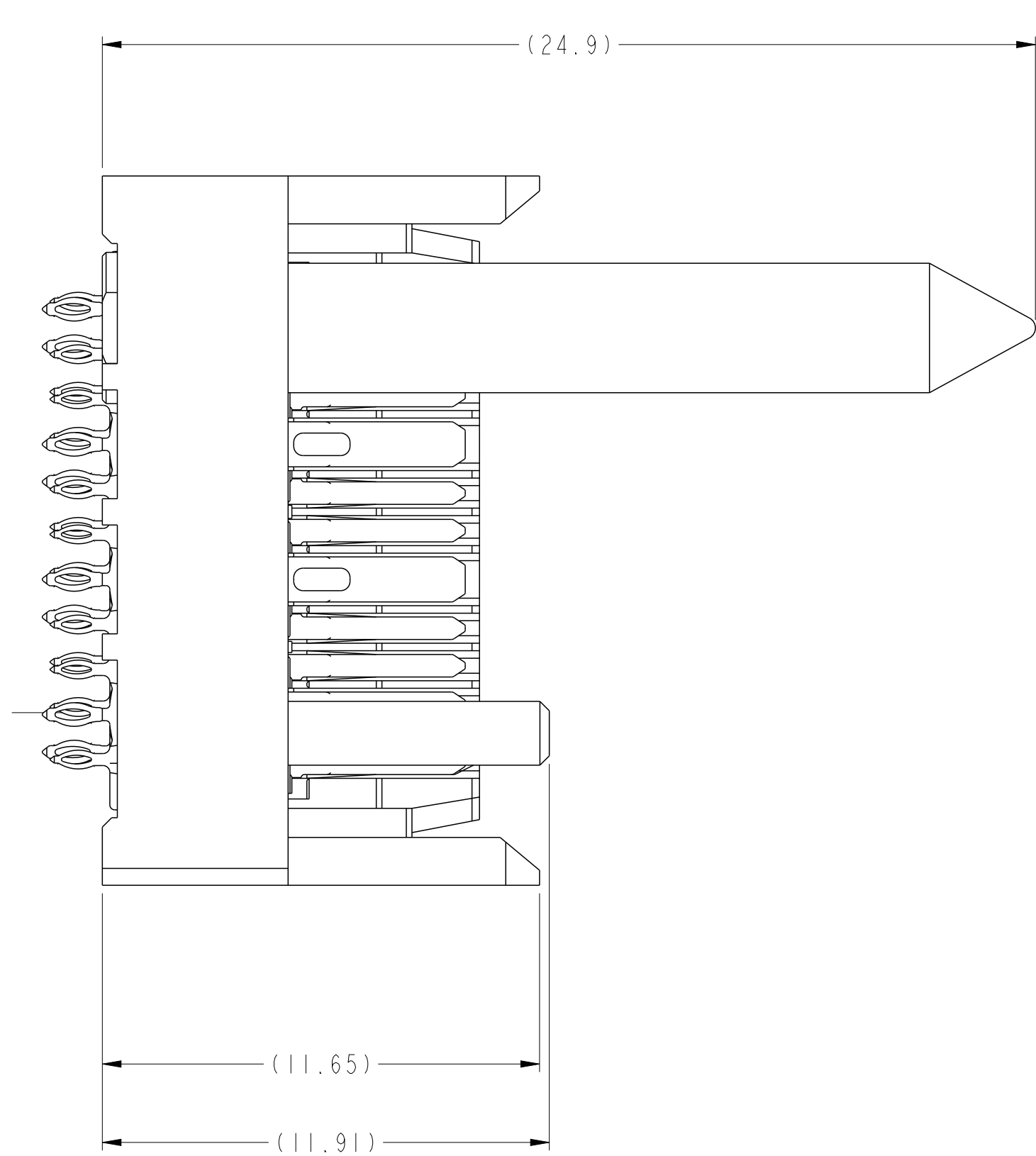


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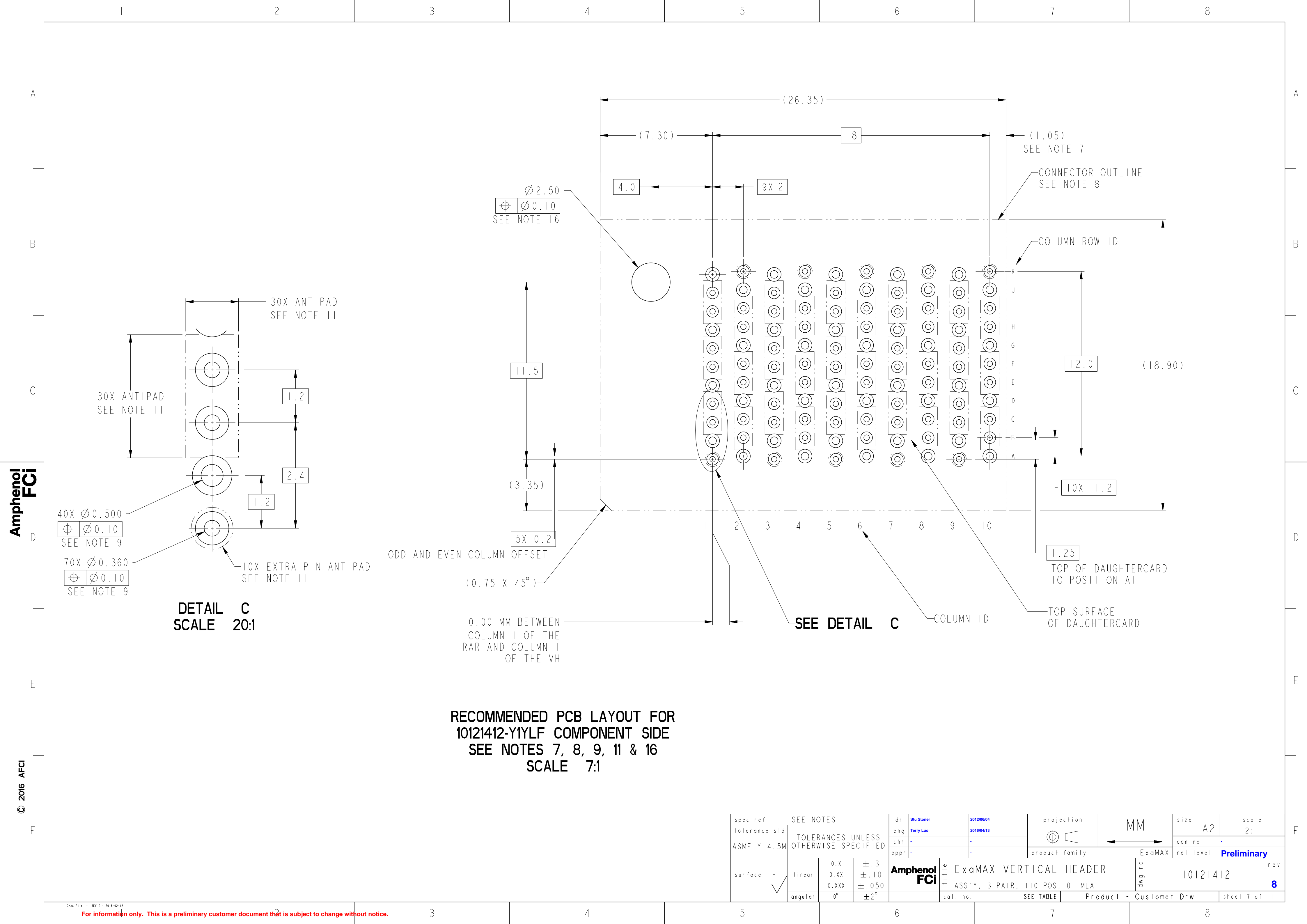
10121412-401LF
ADVANCED MATE/SHORT DETECT CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A9 ONLY
SHORT DETECT POSITION IS K2 ONLY
FOR ALL DIMENSIONS SEE SHEET 1
SCALE 8:1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|---------------------------------------|--|---------|------|-------|------------|-----------------|------------|-------|---|---|---|---------------|--------|------------------------|----|--------|-----------|---------------|-------------|-----|--|---|--|
| spec ref | | SEE NOTES | | | dr | | Stu Stoner | | 2012/06/04 | | projection | | <div>MM</div> | | size | | A2 | | scale | | 3:1 | | | | |
| tolerance std | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | | Terry Luo | | 2016/04/13 | |  | |  | | ecn no | | - | | rel level | | Preliminary | | | | |
| ASME Y14.5M | | | | | chr | | - | | - | | | | | | | | | | | | | | | | |
| | | | | | appr | | - | | - | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | product family | | ExaMAX | | | | | | | | | | | | |
| surface - <div>✓</div> | | linear | | 0.X | | ±.3 | | Amphenol FCi | | title | | ExaMAX VERTICAL HEADER ASS'Y, 3 PAIR, 110 POS, 10 IMLA | | | | | | dwg no | | 10121412 | | rev | | 8 | |
| | | | | 0.XX | | ±.10 | | | | | | | | | | | | | | | | | | | |
| | | | | 0.XXX | | ±.050 | | | | | | | | | | | | | | | | | | | |
| | | | | angular | | 0° | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | cat. no. | | SEE P/N TABLE | | Product - Customer Drw | | | | sheet 5 of 11 | | | | | |



10121412-Y1ALF THRU -Y1JLF
RIGHT GUIDANCE CONNECTOR (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1
SCALE 7:1

| | | | | | | | | | | | | | | | | | | |
|---------------|--|---------------------------------------|----|--------|-------|------------|-----------------|----------------|----------|--------|------------------------|-----------|------------------------|-------------|---------------|--|-----|--|
| spec ref | | SEE NOTES | | dr | | Stu Stoner | 2012/06/04 | projection | | MM | | size | A2 | scale | 5:1 | | | |
| tolerance std | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | eng | | Terry Luo | 2016/04/13 | | | | | ecn no | | - | | | | |
| ASME Y14.5M | | | | chr | | - | - | | | | | rel level | | Preliminary | | | | |
| | | | | appr | | - | - | product family | | ExaMAX | | | | | | | | |
| surface | | - | | linear | 0.X | ±.3 | Amphenol FCi | | title | | ExaMAX VERTICAL HEADER | | dwg no | | 10121412 | | rev | |
| | | 0.XX | | | ±.10 | | | | | | | | | | | | | |
| | | 0.XXX | | | ±.050 | | | | | | | | | | | | | |
| | | angular | 0° | ±2° | | | | | cat. no. | | SEE P/N TABLE | | Product - Customer Drw | | sheet 6 of 11 | | | |





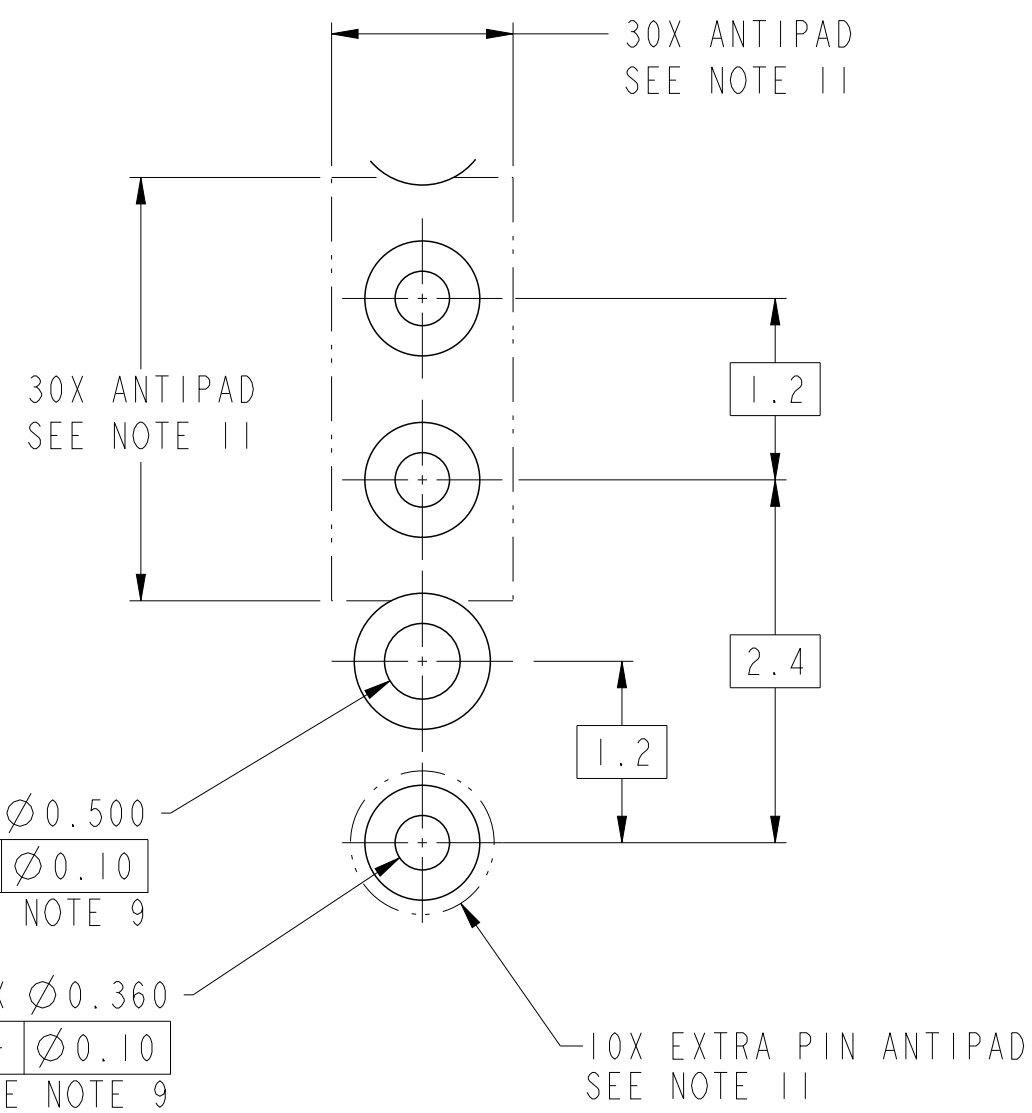
Amphenol
FCi

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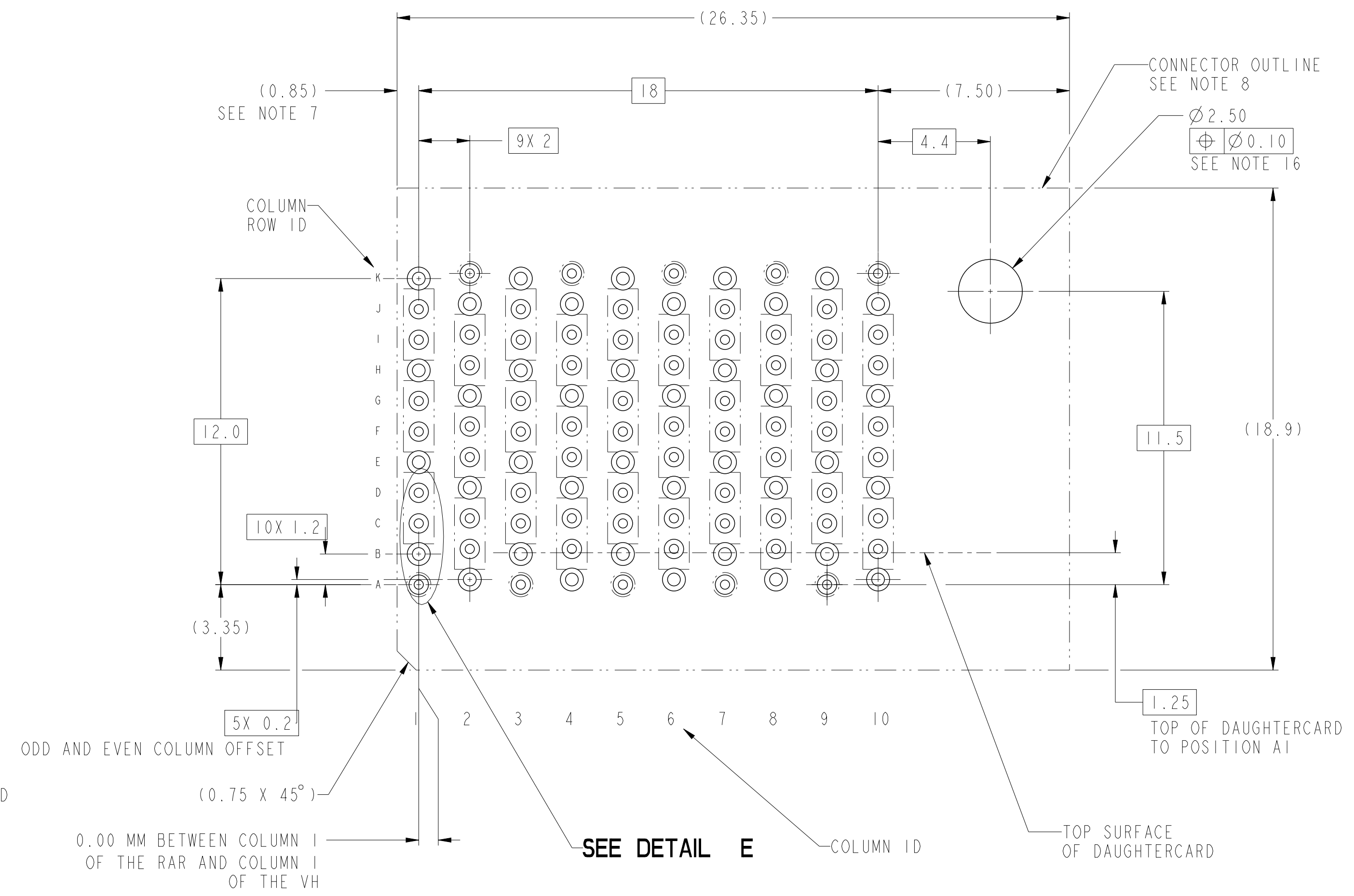
DETAIL C
SCALE 20:1

RECOMMENDED PCB LAYOUT FOR
10121412-Y1YLF COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16
SCALE 7:1

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--|---------------------------------------|--|-----|------|-----|------------|--------------|------------|-------|---|------------------------|---|--------|--------|-----------|----|-------------|-------|---|-----|-------|--|-------|--|
| spec ref | | SEE NOTES | | | dr | | Stu Stoner | | 2012/06/04 | | projection | | MM | | size | | A2 | | scale | | 2:1 | | | | |
| tolerance std | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | | Terry Luo | | 2016/04/13 | |  | |  | | ecn no | | - | | | | | | | | |
| ASME Y14.5M | | | | | chr | | - | | - | | | | | | | | | | | | | | | | |
| ASME Y14.5M | | | | | appr | | - | | - | | | | | | | | | | | | | | | | |
| surface | | linear | | 0.X | | ±.3 | | Amphenol FCI | | title | | ExaMAX VERTICAL HEADER | | dwg no | | 10121412 | | rev | | 8 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 0.XX | | ±.10 | |
| | | | | | | | | | | | | | | | | | | | | | | 0.XXX | | ±.050 | |
| | | | | | | | | | | | | | | | | | | | | | | 0° | | ±2° | |
| | | | | | | | | | | | | product family | | ExaMAX | | rel level | | Preliminary | | | | | | | |
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DETAIL E
SCALE 20:1



RECOMMENDED PCB LAYOUT FOR
10121412-Y2YLF COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16
SCALE 7:1

| | | | | | | | | | | | | | | |
|---------------|-------|---------------------------------------|-------|-------|-----------------|------------|---|----------------|--------|-----------|-------------|----|-------|-----|
| spec ref | | SEE NOTES | | | dr | Stu Stoner | 2012/06/04 | projection | | MM | size | A2 | scale | 2:1 |
| tolerance std | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | Terry Luo | 2016/04/13 | | | | ecn no | - | | |
| ASME Y14.5M | | | | | chr | - | - | product family | ExaMAX | rel level | Preliminary | | | |
| | | | | | appr | - | - | | | | | | | |
| surface | - | linear | 0.X | ±.3 | Amphenol FCi | title | ExaMAX VERTICAL HEADER ASS'Y, 3 PAIR, 110 POS, 10 IMLA | | | dwg no | 10121412 | | rev | 8 |
| | | | 0.XX | ±.10 | | | | | | | | | | |
| | | | 0.XXX | ±.050 | | | | | | | | | | |
| | | angular | 0° | ±2° | | | | | | | | | | |





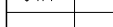
10121412 - Y Y Y L F

| ASSEMBLY PART NUMBER | DESCRIPTION |
|----------------------------|------------------------------|
| 10121412-1YYLF | STANDARD MATE |
| 10121412-2YYLF | ADVANCED MATE |
| 10121412-3YYLF | SHORT DETECT |
| 10121412-4YYLF | ADVANCED MATE & SHORT DETECT |

| MODULE DESCRIPTION | DESIGNATION REPRESENTED IN DASH NUMBER | | | | | | | | | BASE MODULE |
|--|--|----|----|----|----|----|----|----|----------------|----------------|
| STANDARD NO GUIDANCE (SEE SHEET 1) | 01 | | | | | | | | | |
| RIGHT GUIDANCE MODULE (SEE SHEET 6) | 1A | 1B | 1C | 1D | 1E | 1F | 1G | 1H | 1J (NO KEY) | |
| | | | | | | | | | | |
| LEFT GUIDANCE MODULE (SEE SHEET 8) | 2A | 2B | 2C | 2D | 2E | 2F | 2G | 2H | 2J (NO KEY) | |
| | | | | | | | | | | |

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|--|---------------------------------------|---------|-------|---|-------|---|---------------|---|---|---|----------------|----------------|--------|-----------|
| spec ref | SEE NOTES | | | | dr | Stu Stoner | 2012/06/04 |  |  | size | A2 | scale | 5:1 | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | | eng | Terry Luo | 2016/04/13 | | |  | | | | |
| ASME Y14.5M | | | | | chr | - | - | | | | | | | |
| | | | | | appr | - | - | | | | product family | | ExaMAX | rel level |
| surface -  | linear | 0.X | ±.3 |  | title | ExaMAX VERTICAL HEADER ASS'Y, 3 PAIR, 110 POS, 10 IMLA | | | | dwg no | 10121412 | | rev | 8 |
| | | 0.XX | ±.10 | | | | | | | | | | | |
| | | 0.XXX | ±.050 | | | | | | | | | | | |
| | | angular | 0° | ±2° | | cat. no. | SEE P/N TABLE | Product - Customer Drw | | | | sheet 10 of 11 | | |

