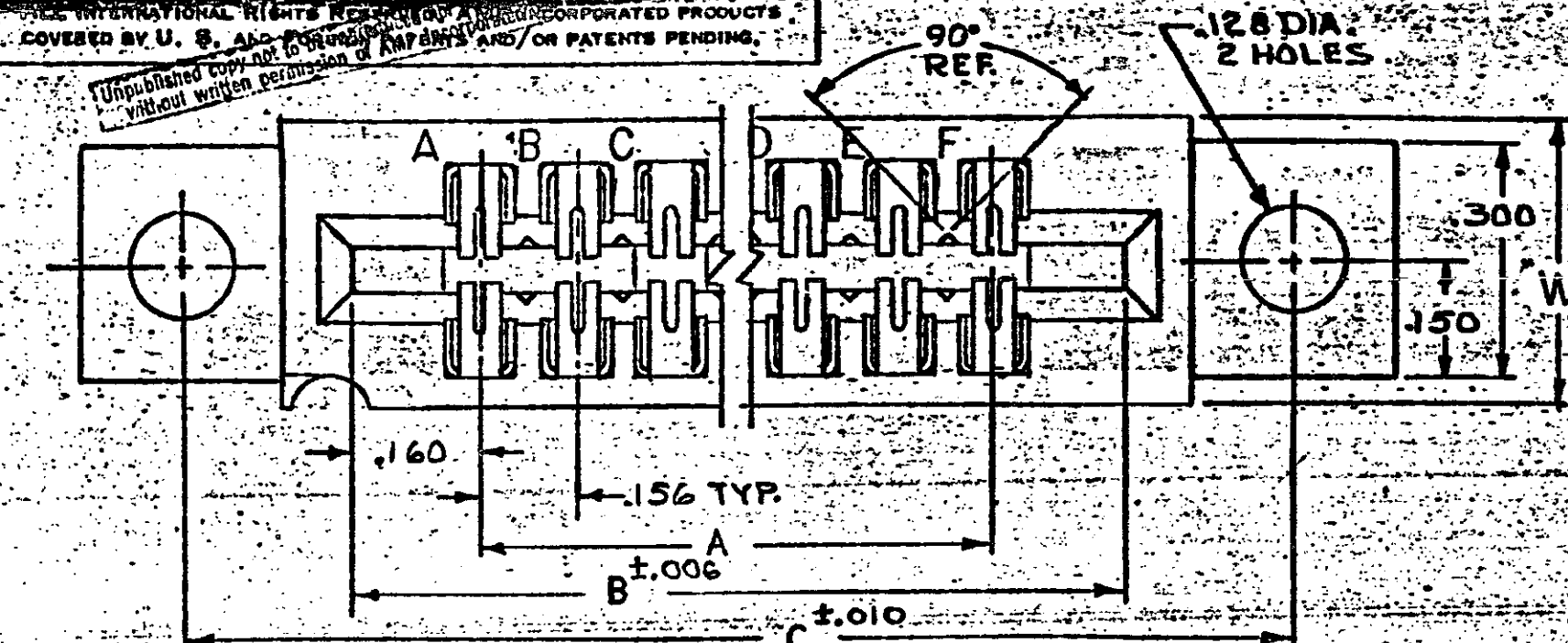
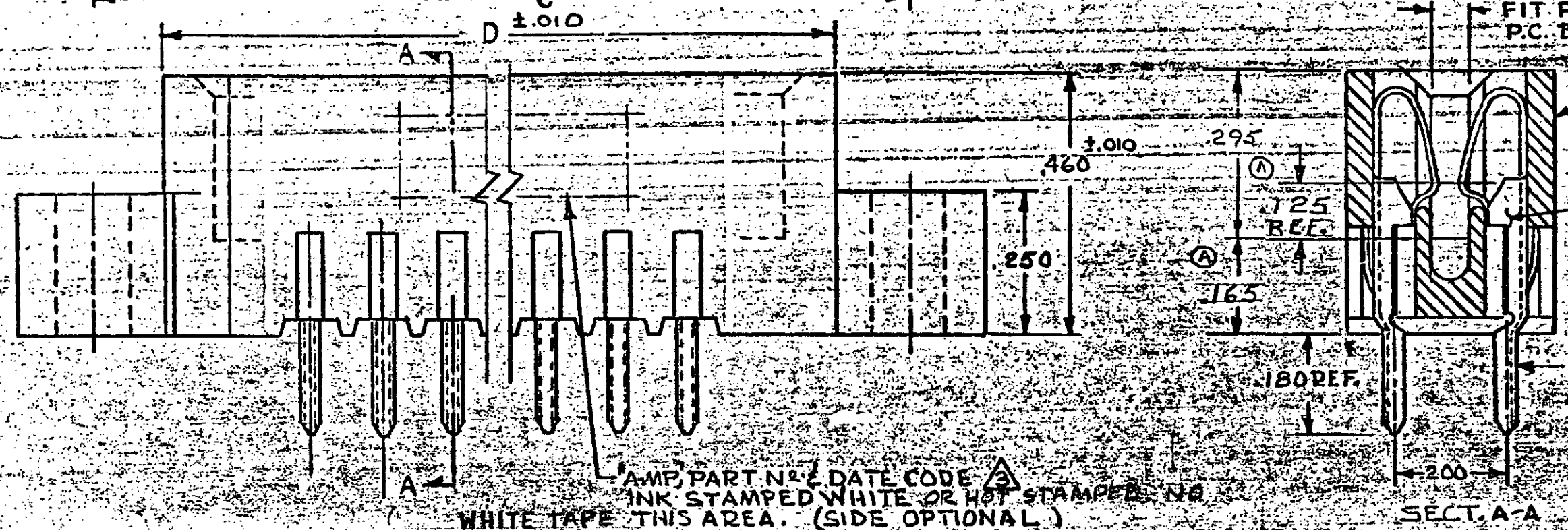


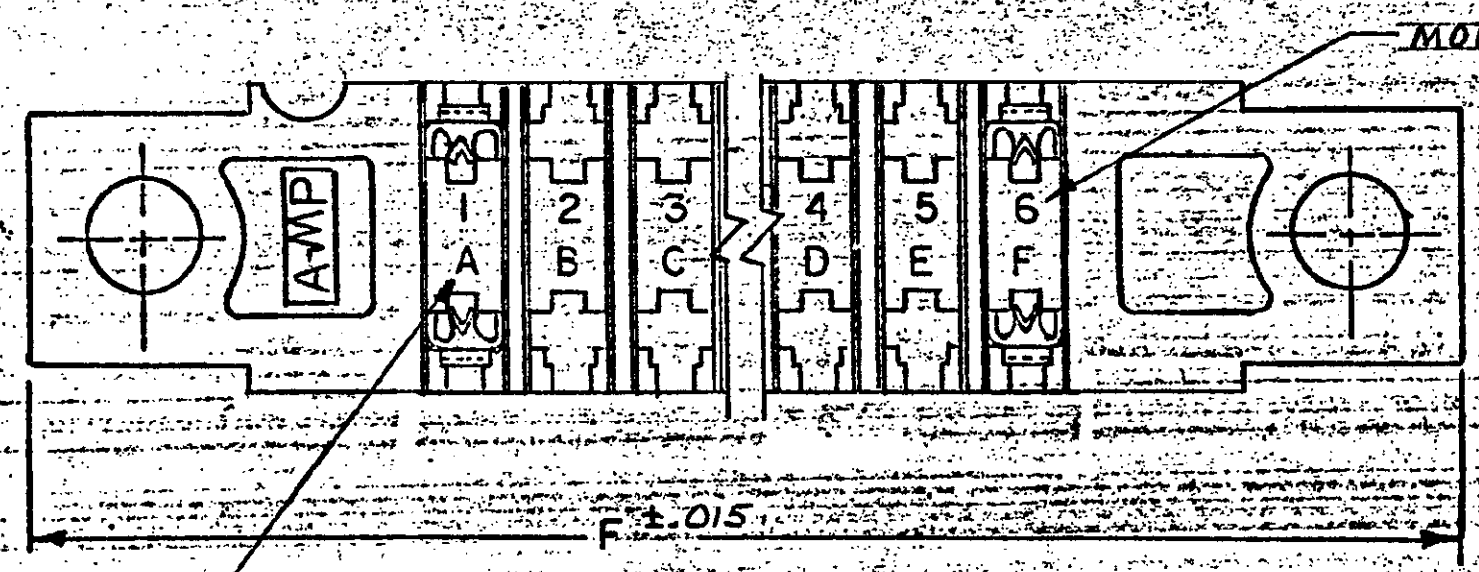
UNPUBLISHED COPY AND/OR PATENTS PENDING.
 ALL INTERNATIONAL RIGHTS RESERVED FOR AMP INCORPORATED PRODUCTS
 COVERED BY U. S. AND FOREIGN PATENTS AND/OR PATENTS PENDING.



REVISIONS				
REV	ZONE LTR	DESCRIPTION	DATE	APPROVED
01		ADDED 1, 2, 3, 3, 3, 3 + 439 m.s.	5-7-75	DR
1	A	REVISED 4485 m.s.	6-30-75	DR
2	B	REVISED 4559 m.s.	10-75	DR
3	B1	REVISED 5326 m.s.	11-10-77	
4	B2	REVISED 5582 m.s.	7-6-78	
5	B3	REVISED 6871 DLK	8-80	
6	C	REVISED AD2043-J2	1-3-88	HR
7	C1	REV PER EC AD2042	2-88	HR
8	D	REV PER AD 3074	1/89	HR
9	E	REV PER AD 3993	9/89	HR
10	F	REV PER AD 5894	9-25-93	HR
11	G	REV PER DD10-0681-93	11-29-93	HR
12	H	REV PER DD10-0056-94	11-23-93	HR
13	J	REV PER DD10-1570-95	12-5-96	HR
14	K	REV PER EC 0310-134-96	6-17-97	DG



AMP PART NO. & DATE CODE
 INK STAMPED WHITE OR HOT STAMPED IN
 WHITE TAPE THIS AREA. (SIDE OPTIONAL)



MOLDED CHARACTERS (UPPER & LOWER CASE LETTERS OMITTING LETTERS G, J, O & Q)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT NO.		PART NO.	
TOLERANCES ON: DECIMALS .005 ANGLES .005		DR. <i>R. Shouman</i> 1-19-75		AMP INCORPORATED Harrisburg, Pa.	
MATERIAL SEE CALL-OUT		CHK. <i>R. Shouman</i> 3-20-76		NAME HOUSING ASSY. LOW PROFILE EDGE CONNECTOR, FLOW SOLDER FOR .052 DIA. HOLE, 156 X 200 CTRS.	
FINISH SEE CALL-OUT		APPRO. <i>R. Shouman</i> 3/20/75		SIZE CODE IDENT NO. DRAWING NO.	
		DSGN APPD		C 00779 530656	
		OTHER APPD		SCALE: # SHEET 1 OF 2	

DRAWING MADE IN THIRD ANGLE PROJECTION

© COPYRIGHT 1975 BY AMP INCORPORATED, HARRISBURG, PA.
 ALL INTERNATIONAL RIGHTS RESERVED. AMP INCORPORATED PRODUCTS
 CO. EMPLOYED IN U.S. AND FOREIGN PATENTS AND/OR PATENTS PENDING.

REVISIONS					
P	ZONE	LTR	DESCRIPTION	DATE	APPROVED
✓	✓		SEE SHEET 1		

△ PART NR	NR POS	A	B	C	D	W	F	△ PART NR
530656-1	6	.780	1.190	1.535	1.240	.270	1.735	2-530656
530656-2	10	1.404	1.724	2.159	1.864		2.409	2-530656-3
530656-3	12	1.716	2.036	2.471	2.176		2.721	2-530656
530656-4	15	2.184	2.534	2.929	2.644		3.189	2-530656-4
530656-5	18	2.652	2.972	3.407	3.112		3.557	2-530656-5
530656-6	22	3.276	3.596	4.031	3.736		4.201	2-530656-6
530656-7	24	3.598	3.908	4.343	4.048		4.593	2-530656-7
530656-8	25	3.744	4.064	4.497	4.204	.370	4.747	2-530656-8
530656-9	30	4.524	4.844	5.279	4.984	.437	5.529	2-530656-9
530656-10	36	5.460	5.780	6.215	5.920	.437	6.465	3-530656-0
530656-11	44	6.708	7.028	7.463	7.168	.437	7.713	3-530656-1
530656-12	28	4.212	4.532	4.967	4.672	.370	5.217	3-530656-2
530656-13	48	6.552	6.872	7.307	7.012	.437	7.557	3-530656-3

OBSELETE

- ① .000015 MIN GOLD OVER .000050 MIN NICKEL IN CONTACT AREA.
- ② .000030 MIN GOLD OVER .000050 MIN NICKEL IN CONTACT AREA.

△ ALL PARTS ASSEMBLED IN MEXICO MUST BE STAMPED "ASSY IN MEXICO".
 THE WORD "MEXICO" CAN BE SUBSTITUTED ONLY WHERE PART SIZE
 PROHIBITS STAMPING "ASSY IN MEXICO". COLOR WHITE PER J15-9009.
 APPROX WHERE SHOWN, SIDE OPTIONAL. INK STAMP OR HOT STAMP. (NO WHITE TAPE)

530656

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS: ±.005 ANGLES: ±.005		CONTRACT NO	AMP INCORPORATED Harrisburg, Pa.	
MATERIAL	DR: <i>Reinhold</i> 3-19-75 CHKD: <i>Reinhold</i> 3-20-75	NAME	HOUSING ASSY, LOW PROFILE	
FINISH	APRD: <i>R. Shuman</i> 3-20-75 DSGN APPD	EDGE CONNECTOR, FLOW SOLDER	EOR .052 DIA. HOLE	
	OTHER APPD	SIZE CODE IDENT NO	DRAWING NO	
		C 00779	530656	
		SCALE	SHEET 2 OF 2	

CUSTOMER DRAWING

Low Profile Connectors, .156 [3.96] Centerline

Material and Finish:

Housing—Green, glass-filled polyester

Contacts—Phosphor bronze, duplex plate; .000C30 [0.30076] gold in contact area; .000100 [0.00254] bright tin on posts, with entire contact under-plated; .000C30 [0.30076] nickel

Insert—Brass

Related Product Data:

Keying Plug—page 119

PC Board Hole Layouts—See below

PC Board Edge Pattern—page 119

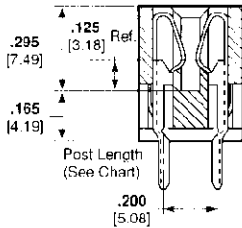
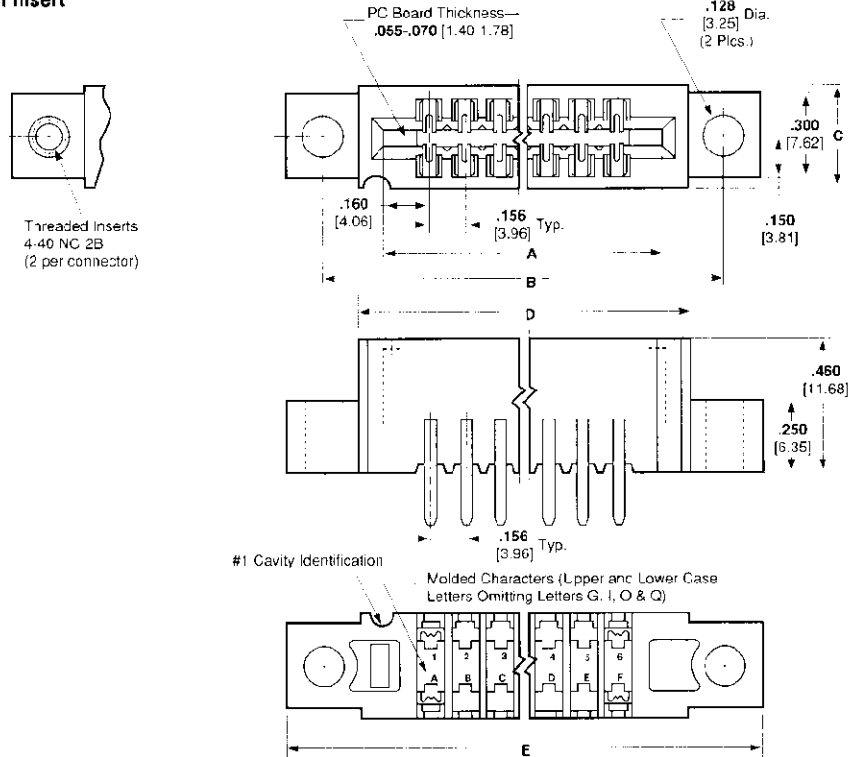
Technical Documents

(pages 172, 173):

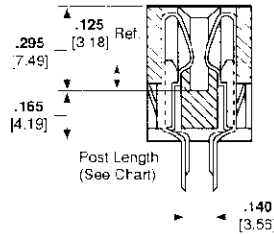
AMP Product Specification
106-9044

AMP Instruction Sheet 408-1112

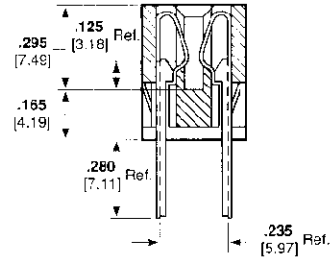
Mounting Ear with Insert



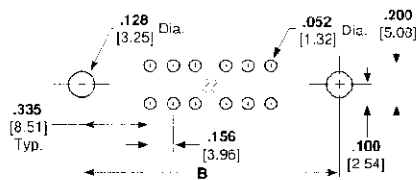
Flow Solder Post
.200 [5.08] Row-to-Row Spacing



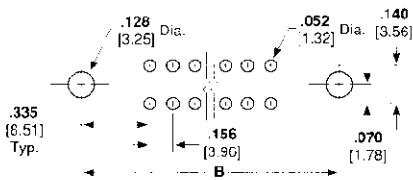
Flow Solder Post
.140 [3.56] Row-to-Row Spacing



Solder Eyelet Contact
.235 [5.97] Row-to-Row Spacing



Recommended PC Board Hole Layout



Recommended PC Board Hole Layout

Low Profile Connectors, .156 [3.96] Centerline (Continued)

**Flow Solder Post
.200 [5.08] Row-to-Row
Spacing**

No. of Dual Positions	Dimensions					Post Length*	With Mounting Ears	With Mounting Ears and Inserts	Without Mounting Ears
	A	B	C	D	E				
6	1.100	1.535	.370	1.240	1.785	.150	2-530655-1	—	2-530666-1
	27.94	38.99	9.40	31.50	45.34				
10	1.724	2.159	.370	1.864	2.409	.150	2-530655-2	—	2-530666-2
	43.79	54.84	9.40	47.35	61.19				
12	2.036	2.471	.370	2.176	2.721	.150	2-530655-3	—	2-530666-3
	51.71	62.76	9.40	55.27	69.11				
15	2.504	2.939	.370	2.644	3.189	.150	2-530655-4	—	2-530666-4
	63.60	74.65	9.40	67.16	81.00		2-530689-4		
18	2.972	3.407	.370	3.112	3.657	.150	2-530655-5	—	2-530666-5
	75.49	86.54	9.40	79.04	92.89				
22	3.596	4.031	.370	3.736	4.281	.150	2-530655-6	—	2-530666-6
	91.34	102.39	9.40	94.89	108.74		2-530689-6 ¹		
							.180		
25	4.064	4.499	.370	4.204	4.749	.150	2-530655-8	—	—
	103.23	114.27	9.40	106.78	120.62		.180		
28	4.532	4.967	.370	4.672	5.217	.150	3-530655-2	—	3-530666-2
	115.11	126.16	9.40	118.67	132.51				
30	4.844	5.279	.437	4.984	5.529	.150	2-530655-9	—	2-530666-9
	123.04	134.09	11.10	126.59	140.44		2-530689-6 ¹		
36	5.780	6.215	.437	5.920	6.465	.150	3-530655-0	—	—
	146.18	157.86	11.10	150.37	164.21				
43	6.872	7.307	.437	7.012	7.557	.150	3-530655-3	3-530677-3	3-530666-3
	174.55	185.60	11.10	178.10	191.95		.180		

Low Profile Connectors

**Flow Solder Post
.140 [3.56] Row-to-Row
Spacing
and
Solder Eyelet Contact
.235 [5.97] Row-to-Row
Spacing**

No. of Dual Positions	Dimensions					Post Length*	Flow Solder Post		Solder Eyelet Contact
	A	B	C	D	E		With Mounting Ears	Without Mounting Ears	With Mounting Ears
6	1.100	1.535	.370	1.240	1.785	.150	—	—	2-530654-1
	27.94	38.99	9.40	31.50	45.34				
10	1.724	2.159	.370	1.864	2.409	.150	2-530657-2	—	2-530654-2
	43.79	54.84	9.40	47.35	61.19				
15	2.504	2.939	.370	2.644	3.189	.150	2-530667-4	—	2-530654-4
	63.60	74.65	9.40	67.16	81.00				
18	2.972	3.407	.370	3.112	3.657	.150	—	—	2-530654-5
	75.49	86.54	9.40	79.04	92.89				
22	3.596	4.031	.370	3.736	4.281	.150	—	2-530668-6	2-530654-6
	91.34	102.39	9.40	94.89	108.74				
28	4.532	4.967	.370	4.672	5.217	.150	—	—	3-530654-2
	115.11	126.16	9.40	118.67	132.51				
30	4.844	5.279	.437	4.984	5.529	.150	—	—	2-530654-9
	123.04	134.09	11.10	126.59	140.44				
43	6.872	7.307	.437	7.012	7.557	.150	3-530657-3	—	3-530654-3
	174.55	185.60	11.10	178.10	191.95				

*Metric equivalents for post length are .150 = [3.81]; .180 = [4.57].

¹For .040 [1.02] diameter hole.

Note: Other connector sizes can be made available, consult AMP.

Low Profile Connectors (Continued)

Keying Plug

Material: Glass-filled nylon
Part No. 650025-2

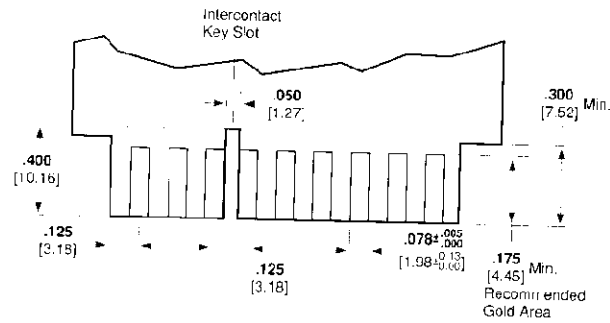
Intercontact Key



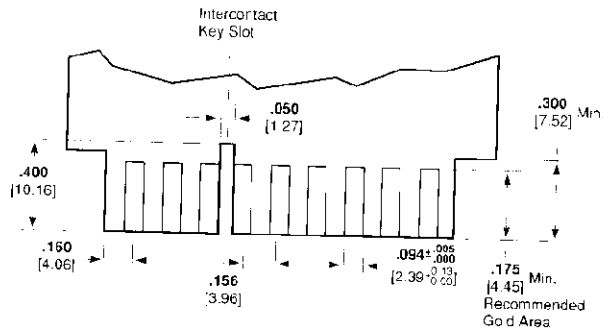
Low Profile Connectors

Recommended PC Board Edge Patterns

.125 [3.18] Centerline Boards



.156 [3.96] Centerline Boards



- [Home](#)
- [Part Number Search](#)
- [Document Search](#)
- [Text Search](#)
- [Alternate Part Search](#)
- [Multiple Part Comparison](#)
- [Alphabetical Search](#)
- [Brand Search](#)
- [Industry Product Search](#)
- [Product Type Search](#)
- [Product Family Search](#)
- [Competitor Cross Reference](#)
- [Lead Free Solutions](#)
- [Help/Glossary](#)

Current Brand View	View All Tyco Electronics Brands Click to activate links to all other products
AMP	

Card Edge Connectors

.125, .156 Centerline Low Profile Connectors

AMP **2-530656-2** **Active** [Active](#)
(Tyco Electronics P/N: 2-530656-2)

[Search for Parts](#) | [Previous](#) [1] [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

Document links for this part cannot be displayed. Your browser does not support inline frames or is currently configured not to display inline frames. Inline frames are supported in both Internet Explorer 5 and Netscape 6, as well as all later versions of these browsers.

Related Part Information		
General Information	eCommerce	Related Part Information
General Info Sales Info Assembly Subcontractors	Pricing Product Availability	

Photos & Line Drawings - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[PCB Layout](#)

[Recommended PC Board Edge Pattern](#)

Searchable Features:	
Brand:	AMP
No. of Dual Positions:	10
Centerline (mm [in]):	3.96 [0.156]
Post Type:	Flow Solder Post
Row-to-Row Spacing (mm [in]):	5.08 [0.200]
Mounting Ears:	With
Termination Post Length (mm [in]):	4.57 [0.180]
Mounting Ear Style:	Without Threaded Inserts

Other Properties:	
Housing Material:	Glass-Filled Polyester
Housing Color:	Green
Contact Material:	Phosphor Bronze
Contact Mating Area Plating:	Gold (30)
Post Plating:	Bright Tin (100)
Contact Underplating:	Nickel (30)
Comment:	Intercontact Keying Plug Part Number 650025-2.

[Copyright](#) and [Privacy Statement](#)

Visit [Tyco International, Ltd.](#)

[Products](#) | [Catalog](#) | [Brands](#) | [Industries](#) | [Commerce](#) | [Supplier](#) | [Customer Service](#) | [About](#) | [Home](#)