

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0791098622

Status:

Active

Description:

2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount, Vertical, Top/Bottom Entry, with Press-fit Plastic Pegs, with Cap, Embossed Tape on Reel, 0.38µm (15µ") Gold (Au) Selective, 46 Circuits, Leadfree

Documents:

3D Model

Drawing (PDF)

Product Specification PS-79107 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

79109

Application

Board-to-Board

Comments

With Cap

Product Name

Milli-Grid™

Physical

Circuits (Loaded)

46

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Compliant

No

Lock to Mating Part

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Number of Rows

2

Orientation

Vertical

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface (in)

0.079 In

Pitch - Mating Interface (mm)

2.00 mm

Plating min: Mating (µin)

15

Plating min: Mating (µm)

0.38

Polarized to Mating Part

No

Polarized to PCB

No

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-55°C to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

1A

Voltage - Maximum

125V

Solder Process Data

Lead-free Process Capability

Reflow Capable (SMT only)

Process Temperature max. C

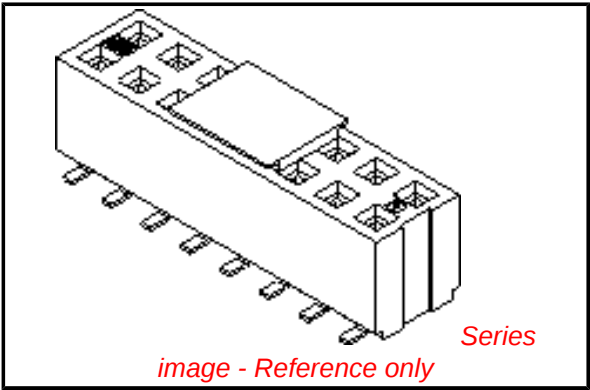
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Material Info

Reference - Drawing Numbers

Product Specification

PS-79107



EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product
environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
79109Series

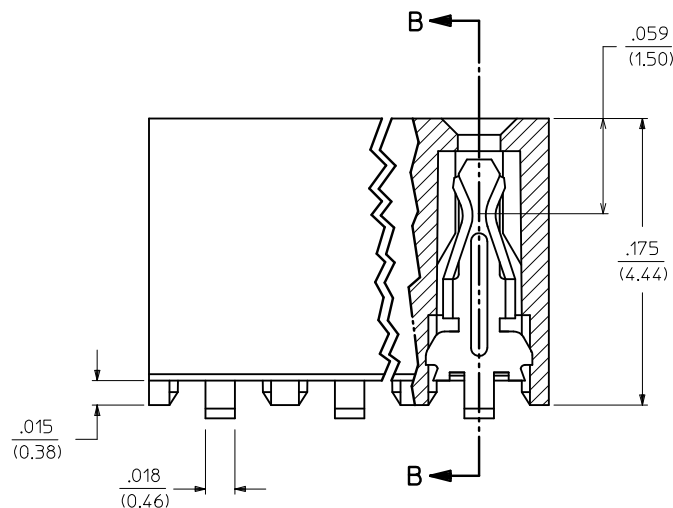
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87833 , 87832 , 87831 , 87758 , 87759 ,
87760

This document was generated on 03/18/2010

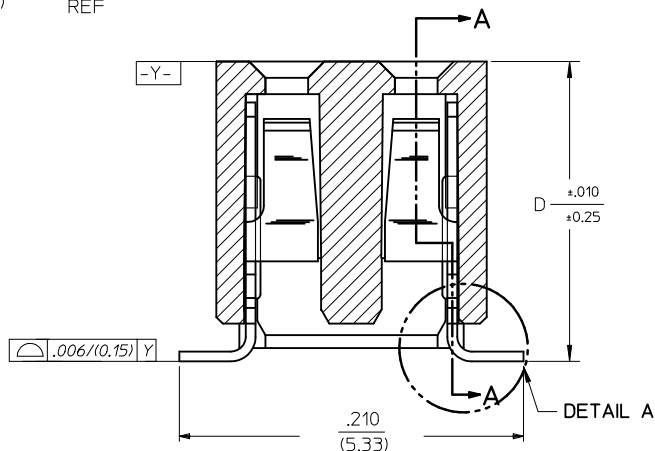
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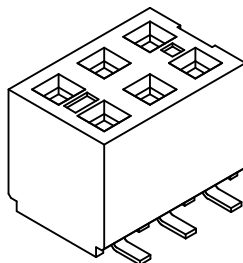
RECOMMENDED PCB PAD LAYOUT



SECTION A-A



SECTION B-B

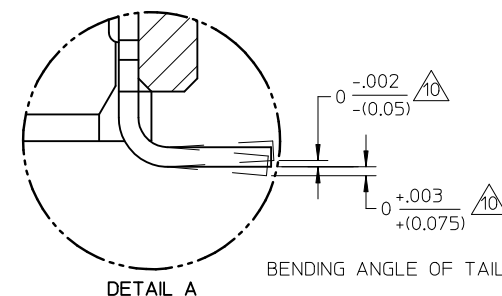


NOTES:

- HOUSING MATERIAL:
LCP, GLASS FILLED, UL 94V-0
COLOUR BLACK.
- TERMINAL MATERIAL:
PHOSPHOR BRONZE
- SEE APPROPRIATE SHEET FOR CIRCUIT SIZE,
PART NUMBERS AND OVERALL DIMENSIONS.
- FOR ILLUSTRATION, 6 CKT ASSY SHOWN.
- REFER TO PRODUCT SPEC PS-79107.
- TUBE PACKAGING PER PK-70873-0217 OR
TAPE PACKAGING PER PK-70873-0259
- SEE SHT 3 FOR PEG OPTION ASSEMBLIES.
- CKT LOCATIONS ARE NUMBERED FROM LEFT TO
RIGHT WHEN VIEWING ASSY FROM TOP WITH
THE GATE RECESS ON THE RIGHT AS SHOWN.
- SEE SHT 5 & 6 FOR VOIDED CIRCUIT PART NUMBERS.
- MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF
THE TOE TO TIP OF THE TERMINAL.

PLATING OPTION:

- 30u" (0.75um) MIN. GOLD PLATE IN SELECTED AREA AND
75u" (1.88um) MIN. TIN PLATE IN SELECTED AREA OVER
50u" (1.25um) MIN. NICKEL OVERALL.
- 15u" (0.38um) MIN. GOLD PLATE IN SELECTED AREA AND
75u" (1.88um) MIN. TIN PLATE IN SELECTED AREA OVER
50u" (1.25um) MIN. NICKEL OVERALL.
- 5u" (0.13um) MIN. GOLD PLATE IN SELECTED AREA AND
75u" (1.88um) MIN. TIN PLATE IN SELECTED AREA OVER
50u" (1.25um) MIN. NICKEL OVERALL.



DETAIL A BENDING ANGLE OF TAIL

REVISED EC NO: S2010-0566 2010/01/05 DRWN:SKANG CHKD:ATSEE 2010/02/03 APPR:MLONG 2010/02/19		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
								IN/MM		NTS		INCH					
								DRAWN BY		DATE		TITLE 2MM DUAL ROW VERTICAL RECEPTACLE, SMT					
								AAB		1989/05/15							
								CHECKED BY		DATE							
								MJM		1989/05/15							
				APPROVED BY		DATE		MOLEX MOLEX INCORPORATED									
				MLONG		2010/02/18											
				MATERIAL NO.		DOCUMENT NO.				SHEET NO.							
				SEE TABLE		SDA-79109-****				1 OF 10							
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
				A3													

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ASSEMBLIES WITHOUT PEGS

VOIDED CIRCUIT OPTION

CKT. SIZE	ASSEMBLY (WITHOUT CAP IN TUBE)	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM. "A"		DIM. "B"		DIM. "D"	
	PART NUMBER	ROW	CKT. NO.(s)		INCH	MM	INCH	MM	INCH	MM
22	79109-5011	A	2	4	.787	(20.00)	.874	(22.19)	.183	(4.65)
6	79109-5012	A	2	5	.157	(4.00)	.244	(6.19)	.183	(4.65)

CKT SIZE	ASSEMBLY (WITH CAP A IN T&R)	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM A		DIM B		DIM D	
	PART NUMBER	ROW	CKT NO.		INCH	MM	INCH	MM	INCH	MM
50	79109-8924	A	13, 23	5	1.890	(48.00)	1.976	(50.19)	.183	(4.65)
		B	23							

NOTES:

1. TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS. HOWEVER, PIN WINDOWS WILL BE CLOSED.
2. VOIDS CAN ONLY BE PRESENT IN ONE ROW OF A CONNECTOR.

REVISED EC NO: S2010-0566 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2010/01/05 2010/02/03 2010/02/19	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION						
				mm	INCH	DRAWN BY AAB	DATE 1989/05/15	TITLE 2MM DUAL ROW VERTICAL RECEPTACLE, SMT							
			4 PLACES	± ---	± ---	CHECKED BY MJM	DATE 1989/05/15								
			3 PLACES	± ---	± .010	APPROVED BY MLONG					DATE 2010/02/18				
			2 PLACES	± 0.25	± .015										
			1 PLACE	± 0.38	± ---	MOLEX MOLEX INCORPORATED									
			ANGULAR ± 3 °												
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
						SEE TABLE		SDA-79109-****		3 OF 10					
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
M6	REV														

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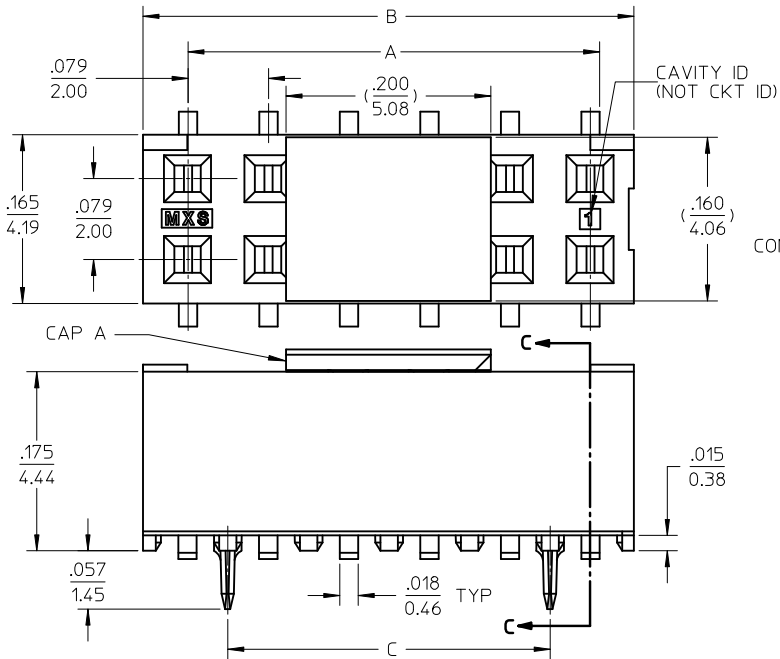
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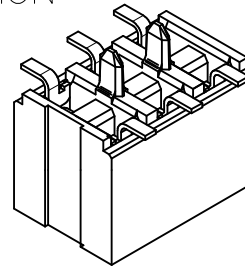
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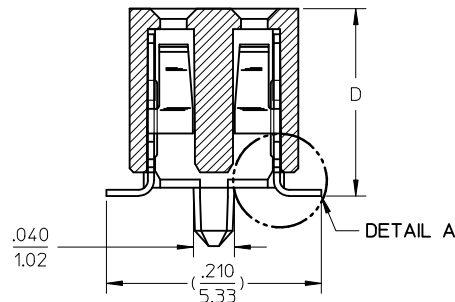
PEG OPTION



CONNECTOR WITH CAP



SECTION C-C

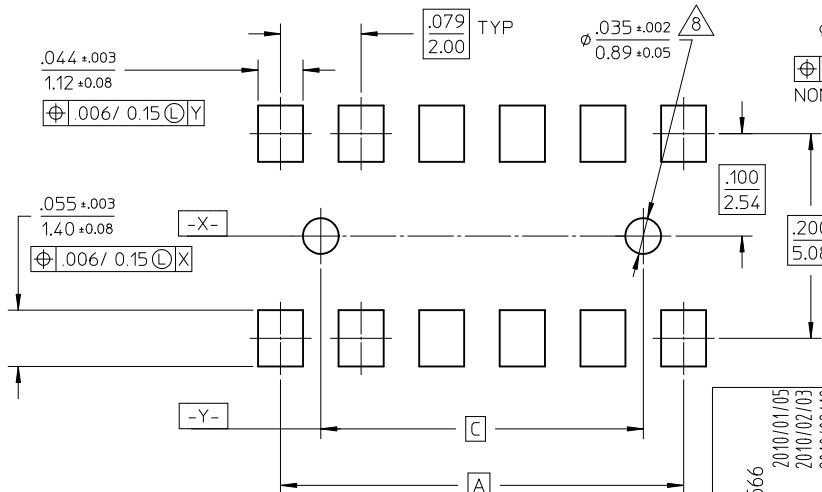
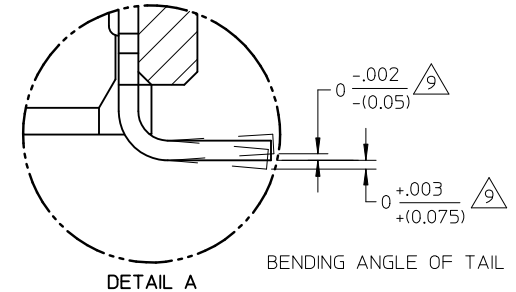


PLATING OPTION:

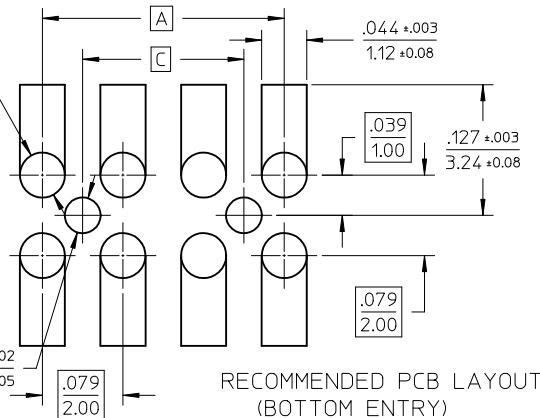
- (4) 30uIn (.075um) MIN. GOLD PLATE IN SELECTED AREA AND 75uIn (1.88um) MIN. TIN IN SELECTED AREA OVER 50uIn (1.25um) MIN. NICKEL OVER-ALL.
- (5) 15uIn (0.38um) MIN. GOLD PLATE IN SELECTED AREA AND 75uIn (1.88um) MIN. TIN IN SELECTED AREA OVER 50uIn (1.25um) MIN. NICKEL OVER-ALL.
- (6) 5uIn (0.13um) MIN. GOLD PLATE IN SELECTED AREA AND 75uIn (1.88um) MIN. TIN IN SELECTED AREA OVER 50uIn (1.25um) MIN. NICKEL OVER-ALL.

NOTES:

- 1 - HOUSING MATERIAL: GLASS FILLED HIGH TEMP. THERMOPLASTIC. COLOR: BLACK.
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE
- 3 - SEE APPROPRIATE SHEET FOR CIRCUIT SIZE, PART NUMBERS AND OVER-ALL DIMENSIONS.
- 4 - FOR ILLUSTRATION, 6&12 CIRCUIT ASSEMBLY SHOWN.
- 5 - REFER TO PRODUCT SPECIFICATION PS-79107.
- 6 - TUBE PACKAGING PER PK-70873-0217 OR TAPE PACKAGING PER PK-70873-0259.
- 7 - SEE PSX-79107 FOR SUGGESTED BOTTOM ENTRY PIN LENGTHS.
- 8 - .035 DIA. FOR PRESS FIT ONLY. USE .039±.002 FOR ALIGNMENT PURPOSES ON PICK AND PLACE.
- 9 - MEASUREMENT IS TAKEN BETWEEN THE TANGENT OF THE TOE TO TIP OF THE TERMINAL.



RECOMMENDED PCB LAYOUT



RECOMMENDED PCB LAYOUT (BOTTOM ENTRY)

REVISED		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO:	DATE	DRWN:	DATE	SYMBOL	VALUE	IN/MM	DATE	NTS	INCH	UNIT	UNIT	PROJECTION	PROJECTION
NO: S2010-0566	2010/01/05	DRWN:KANG	2010/02/03	$F_A=0$	4 PLACES	± ---	± ---	AAB	1989/05/15	2MM DUAL ROW VERTICAL RECEPTACLE, SMT			
CHYD:ATSEE	2010/02/03	CHYD:ATSEE	2010/02/19	$F_B=0$	3 PLACES	± ---	± .010	CHECKED BY	DATE				
APPR:MLONG	2010/02/19	APPR:MLONG	2010/02/19	$F_C=0$	2 PLACES	± 0.25	± .015	MJM	1989/05/15	MOLEX INCORPORATED			
				$F_D=0$	1 PLACE	± 0.38	± ---	APPROVED BY	DATE				
					ANGULAR ± 3 °		MLONG	2010/02/18		SDA-79109-****			
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.						
							SIZE			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
							A3						

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PEG OPTION

CKT. SIZE	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		PLATING OPTION 5		PLATING OPTION 4		PLATING OPTION 6	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	ITEM NO. TUBE PACKED (WITHOUT CAP)	ITEM NO. TAPE PACKED (WITH CAP A)	ITEM NO. TUBE PACKED (WITHOUT CAP)	ITEM NO. TAPE PACKED (WITH CAP A)	ITEM NO. TUBE PACKED (WITHOUT CAP)	ITEM NO. TAPE PACKED (WITH CAP A)
04	.079	(2.00)	.165	(4.19)	-	-	.183	(4.65)	79109-1201	79109-8601	79109-1251	79109-8651	X 79109-1301	-
06	.157	(4.00)	.244	(6.19)	.079	(2.00)	.183	(4.65)	79109-1202	79109-8602	79109-1252	79109-8652	X 79109-1302	-
08	.236	(6.00)	.322	(8.19)	.157	(4.00)	.183	(4.65)	79109-1203	79109-8603	79109-1253	79109-8653	X 79109-1303	-
10	.315	(8.00)	.401	(10.19)	.236	(6.00)	.183	(4.65)	79109-1204	79109-8604	79109-1254	79109-8654	X 79109-1304	-
12	.394	(10.00)	.480	(12.19)	.315	(8.00)	.183	(4.65)	79109-1205	79109-8605	79109-1255	79109-8655	X 79109-1305	-
14	.472	(12.00)	.559	(14.19)	.394	(10.00)	.183	(4.65)	79109-1206	79109-8606	79109-1256	79109-8656	X 79109-1306	-
16	.551	(14.00)	.637	(16.19)	.472	(12.00)	.183	(4.65)	79109-1207	79109-8607	79109-1257	79109-8657	X 79109-1307	-
18	.630	(16.00)	.716	(18.19)	.551	(14.00)	.183	(4.65)	79109-1208	79109-8608	79109-1258	79109-8658	X 79109-1308	-
20	.709	(18.00)	.795	(20.19)	.630	(16.00)	.183	(4.65)	79109-1209	79109-8609	79109-1259	79109-8659	X 79109-1309	-
22	.787	(20.00)	.874	(22.19)	.709	(18.00)	.183	(4.65)	79109-1210	79109-8610	79109-1260	79109-8660	X 79109-1310	-
24	.866	(22.00)	.952	(24.19)	.787	(20.00)	.183	(4.65)	79109-1211	79109-8611	79109-1261	79109-8661	X 79109-1311	-
26	.945	(24.00)	1.031	(26.19)	.866	(22.00)	.183	(4.65)	79109-1212	79109-8612	79109-1262	79109-8662	X 79109-1312	-
28	1.024	(26.00)	1.110	(28.19)	.945	(24.00)	.183	(4.65)	79109-1213	79109-8613	79109-1263	79109-8663	X 79109-1313	-
30	1.102	(28.00)	1.188	(30.19)	1.024	(26.00)	.183	(4.65)	79109-1214	79109-8614	79109-1264	79109-8664	X 79109-1314	-
32	1.181	(30.00)	1.267	(32.19)	1.102	(28.00)	.183	(4.65)	79109-1215	79109-8615	79109-1265	79109-8665	X 79109-1315	-
34	1.260	(32.00)	1.346	(34.19)	1.181	(30.00)	.183	(4.65)	79109-1216	79109-8616	79109-1266	79109-8666	X 79109-1316	-
36	1.338	(34.00)	1.425	(36.19)	1.260	(32.00)	.183	(4.65)	79109-1217	79109-8617	79109-1267	79109-8667	X 79109-1317	-
38	1.417	(36.00)	1.504	(38.19)	1.338	(34.00)	.183	(4.65)	79109-1218	79109-8618	79109-1268	79109-8668	X 79109-1318	-
40	1.496	(38.00)	1.582	(40.19)	1.417	(36.00)	.183	(4.65)	79109-1219	79109-8619	79109-1269	79109-8669	X 79109-1319	-
42	1.575	(40.00)	1.661	(42.19)	1.496	(38.00)	.183	(4.65)	79109-1220	79109-8620	79109-1270	79109-8670	X 79109-1320	-
44	1.654	(42.00)	1.740	(44.19)	1.575	(40.00)	.183	(4.65)	79109-1221	79109-8621	79109-1271	79109-8671	X 79109-1321	-
46	1.732	(44.00)	1.818	(46.19)	1.654	(42.00)	.183	(4.65)	79109-1222	79109-8622	79109-1272	79109-8672	X 79109-1322	-
48	1.811	(46.00)	1.897	(48.19)	1.732	(44.00)	.183	(4.65)	79109-1223	79109-8623	79109-1273	79109-8673	X 79109-1323	-
50	1.890	(48.00)	1.976	(50.19)	1.811	(46.00)	.183	(4.65)	79109-1224	79109-8624	79109-1274	79109-8674	X 79109-1324	-

X INDICATES TOOLING NOT AVAILABLE

REVISED EC NO: S2010-0566 2010/01/05 DRWN:SKANG CHKD:ATSEE 2010/02/03 APPR:MLONG 2010/02/19	QUALITY SYMBOLS $\nabla_A=0$ $\nabla_C=0$ $\nabla_P=0$	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				IN/MM		NTS	INCH				
				mm	INCH	DRAWN BY		DATE		TITLE 2MM DUAL ROW VERTICAL RECEPTACLE, SMT	
				4 PLACES	$\pm$ ---	$\pm$ ---	AAB	1989/05/15			
				3 PLACES	$\pm$ ---	$\pm$.010	CHECKED BY	DATE	MOLEX INCORPORATED		
				2 PLACES	$\pm$ 0.25	$\pm$.015	MJM	1989/05/15			
M6	REV		1 PLACE	$\pm$ 0.38	$\pm$ ---	APPROVED BY	DATE	molex MOLEX INCORPORATED			
			ANGULAR $\pm$ 3 °		MLONG	2010/02/18	DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		SDA-79109-****		5 OF 10		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

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D

C

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A

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C

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A

PEG OPTION

SPECIAL PACKAGING (TAPE PACKED WITHOUT CAP)

CKT. SIZE	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		ITEM NO.	PLATING OPTION SEE SHEET 1
	INCH	MM	INCH	MM	INCH	MM	INCH	MM		
50	1.890	(48.00)	1.976	(50.19)	1.811	(46.00)	.183	(4.65)	79109-9103	5

F

E

D

C

B

A

ASSEMBLIES WITH PEGS
VOIDED CIRCUIT OPTION

CKT. SIZE	ASSEMBLY (WITHOUT CAP IN TUBE)	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"	
	ITEM NO.	ROW	CKT. NO.(s)		INCH	MM	INCH	MM	INCH	MM	INCH	MM
48	79109-6011	ROW A	1, 24	5	1.811	(46.00)	1.897	(48.19)	1.732	(44.00)	.183	(4.65)
44	79109-6012	ROW B	10	5	1.654	(42.00)	1.740	(44.19)	1.575	(42.00)	.183	(4.65)

NOTES:
1. TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS. HOWEVER, PIN WINDOWS WILL BE CLOSED.
2. VOIDS CAN ONLY BE PRESENT IN ONE ROW OF A CONNECTOR.

REVISED EC NO: S2010-0566 2010/01/05 DRWN:SKANG CHKD:ATSEE 2010/02/03 APPR:MLONG 2010/02/19	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
			mm INCH		DRAWN BY AAB	DATE 1989/05/15	TITLE 2MM DUAL ROW VERTICAL RECEPTACLE, SMT						
			4 PLACES ± --- ± ---		CHECKED BY MJM	DATE 1989/05/15							
			3 PLACES ± --- ± .010		APPROVED BY MLONG			DATE 2010/02/18	MOLEX INCORPORATED				
			2 PLACES ± 0.25 ± .015		MATERIAL NO.			DOCUMENT NO.					
			1 PLACE ± 0.38 ± ---		SEE TABLE			SDA-79109-****		7 OF 10			
ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

SPECIAL - CUSTOM TERMINAL FEET

PEG OPTION

	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		PLATING OPTION 5					
CKT. SIZE	INCH	MM	INCH	MM	INCH	MM	INCH	MM	ITEM NO. TUBE PACKED (WITHOUT CAP)	ITEM NO. TAPE PACKED (WITH CAP A)	ITEM NO. TUBE PACKED (WITH CAP A)			
04	.079	(2.00)	.165	(4.19)	-	-	.185	(4.70)	X	-	X	79109-8751	X	-
06	.157	(4.00)	.244	(6.19)	.079	(2.00)	.185	(4.70)	X	-	X	79109-8752	X	-
08	.236	(6.00)	.322	(8.19)	.157	(4.00)	.185	(4.70)	X	-	X	79109-8753	X	-
10	.315	(8.00)	.401	(10.19)	.236	(6.00)	.185	(4.70)	X	-	X	79109-8754	X	-
12	.394	(10.00)	.480	(12.19)	.315	(8.00)	.185	(4.70)	X	-	X	79109-8755	X	-
14	.472	(12.00)	.559	(14.19)	.394	(10.00)	.185	(4.70)	X	-	X	79109-8756	X	-
16	.551	(14.00)	.637	(16.19)	.472	(12.00)	.185	(4.70)	X	-	X	79109-8757	X	-
18	.630	(16.00)	.716	(18.19)	.551	(14.00)	.185	(4.70)	X	-	X	79109-8758	X	-
20	.709	(18.00)	.795	(20.19)	.630	(16.00)	.185	(4.70)	X	-	X	79109-8759	X	-
22	.787	(20.00)	.874	(22.19)	.709	(18.00)	.185	(4.70)	X	-	X	79109-8760	X	-
24	.866	(22.00)	.952	(24.19)	.787	(20.00)	.185	(4.70)	X	-	X	79109-8761	X	-
26	.945	(24.00)	1.031	(26.19)	.866	(22.00)	.185	(4.70)	X	-	X	79109-8762	X	-
28	1.024	(26.00)	1.110	(28.19)	.945	(24.00)	.185	(4.70)	X	-	X	79109-8763	X	-
30	1.102	(28.00)	1.188	(30.19)	1.024	(26.00)	.185	(4.70)		79109-7010		79109-8764	X	79109-7065
32	1.181	(30.00)	1.267	(32.19)	1.102	(28.00)	.185	(4.70)	X	-	X	79109-8765	X	-
34	1.260	(32.00)	1.346	(34.19)	1.181	(30.00)	.185	(4.70)	X	-	X	79109-8766	X	-
36	1.338	(34.00)	1.425	(36.19)	1.260	(32.00)	.185	(4.70)	X	-	X	79109-8767	X	-
38	1.417	(36.00)	1.504	(38.19)	1.338	(34.00)	.185	(4.70)	X	-	X	79109-8768	X	-
40	1.496	(38.00)	1.582	(40.19)	1.417	(36.00)	.185	(4.70)	X	-	X	79109-8769	X	-
42	1.575	(40.00)	1.661	(42.19)	1.496	(38.00)	.185	(4.70)	X	-	X	N.A.	X	-
44	1.654	(42.00)	1.740	(44.19)	1.575	(40.00)	.185	(4.70)		79109-7016	X	N.A.	X	-
46	1.732	(44.00)	1.818	(46.19)	1.654	(42.00)	.185	(4.70)	X	-	X	N.A.	X	-
48	1.811	(46.00)	1.897	(48.19)	1.732	(44.00)	.185	(4.70)	X	-	X	N.A.	X	-
50	1.890	(48.00)	1.976	(50.19)	1.811	(46.00)	.185	(4.70)		79109-7015	X	N.A.	X	-

"X" INDICATES TOOLING NOT AVAILABLE

REVISED	EC NO: S2010-0566	2010/01/05	2010/02/03	2010/02/19	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
							4 PLACES	3 PLACES	2 PLACES	1 PLACE	DRAWN BY	DATE	TITLE	SHEET NO.
							mm	INCH			AAB	1989/05/15	2MM DUAL ROW VERTICAL RECEPTACLE, SMT	8 OF 10
							± ---	± ---	± .010	± ---	CHECKED BY	DATE		
							± 0.25	± .015			MJM	1989/05/15		
							± 0.38	± ---			APPROVED BY	DATE		
							ANGULAR ± 3 °				MLONG	2010/02/18		
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.	
							SEE TABLE							
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

VOIDED CIRCUIT OPTION

F

D

5

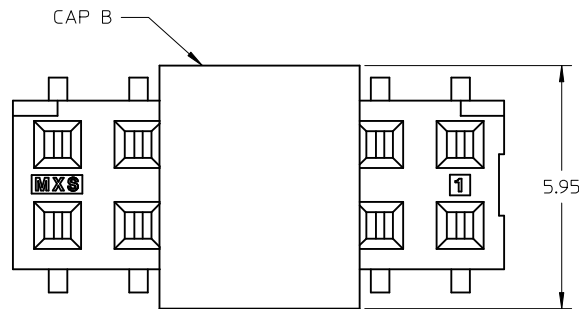
- 5

B

SPECIAL - ASSEMBLIES WITH CAP B (TAPE PACKED WITH CAP)

PEG OPTION

CKT. SIZE	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		DIM. "E"		ITEM NO.	PLATING OPTION SEE SHEET 1
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM		
8	.236	(6.00)	.322	(8.19)	.157	(4.00)	.183	(4.65)	.065	(1.65)	79109-9108	4
18	.630	(16.00)	.716	(18.19)	.551	(14.00)	.183	(4.65)	.262	(6.65)	79109-9118	4



SECTION C-C



REVISED EC NO: S2010-0566 DRWN:SKANG CHKD:ATSEE APPR:MLONG M6	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION					
				mm	INCH	DRAWN BY AAB	DATE 1989/05/15	TITLE 2MM DUAL ROW VERTICAL RECEPTACLE, SMT						
			4 PLACES	± ---	± ---	CHECKED BY MJM	DATE 1989/05/15							
			3 PLACES	± ---	± .010	APPROVED BY MLONG			DATE 2010/02/18			 MOLEX INCORPORATED		
			2 PLACES	± 0.25	± .015									
			1 PLACE	± 0.38	± ---									
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-79109-****		10 OF 10							
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									