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Part Number:

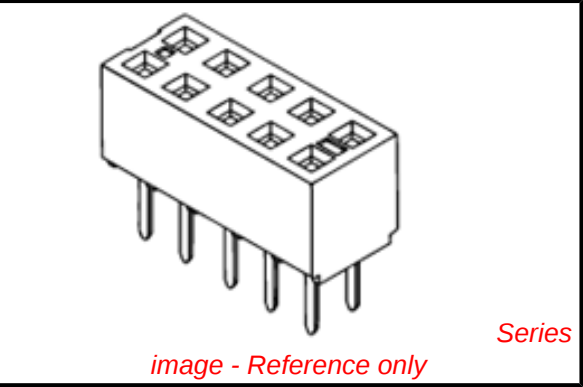
0791077219

Status:

Active

Description:

2.00mm (.079") Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 1.91mm (.075") Tail Length, 0.38µm (15µ") Gold (Au) Selective Plating, 40 Circuits, Leadfree



Documents:	
3D Model	Product Specification PS-79107 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Receptacles
Series	79107
Application	Board-to-Board
Product Name	Milli-Grid™
Physical	
Circuits (Loaded)	40
Color - Resin	Black
Durability (mating cycles max)	50
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.075 In
PC Tail Length (mm)	1.91 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.031 In
PCB Thickness Recommended (mm)	0.80 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Polarized to Mating Part	No
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	1A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers	
Product Specification	PS-79107

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

79107Series

Mates With

87758 Vertical, Through Hole, Stackable PCB Header, 87759 Vertical, Surface Mount, Stackable PCB Header, 87760 Right Angle, Through Hole, Stackable PCB Header, 87831 Vertical, Through Hole PCB Header, 87832 Vertical, Surface Mount PCB

This document was generated on 03/17/2010

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10		9		8		7		6		5		4		3		2		1		
			P.C.TAIL DIMENSION 'C' = 3.00									P.C.TAIL DIMENSION 'C' = 1.91								
CKT SIZE	DIM 'A'	DIM 'B'	PLATING OPTION 5			PLATING OPTION 4			PLATING OPTION 6			PLATING OPTION 5			PLATING OPTION 4			PLATING OPTION 6		
			ITEM NO.			ITEM NO.			ITEM NO.			ITEM NO.			ITEM NO.			ITEM NO.		
04	(4.19)	(2.00)		79107-7001		79107-7051	X	79107-7126		79107-7201		79107-7251	X	79107-7326						
06	(6.19)	(4.00)		79107-7002		79107-7052	X	79107-7127		79107-7202		79107-7252	X	79107-7327						
08	(8.19)	(6.00)		79107-7003		79107-7053	X	79107-7128		79107-7203		79107-7253	X	79107-7328						
10	(10.19)	(8.00)		79107-7004		79107-7054	X	79107-7129		79107-7204		79107-7254	X	79107-7329						
12	(12.19)	(10.00)		79107-7005		79107-7055		79107-7130		79107-7205		79107-7255		79107-7330						
14	(14.19)	(12.00)		79107-7006		79107-7056	X	79107-7131		79107-7206		79107-7256	X	79107-7331						
16	(16.19)	(14.00)		79107-7007		79107-7057	X	79107-7132		79107-7207		79107-7257	X	79107-7332						
18	(18.19)	(16.00)		79107-7008		79107-7058	X	79107-7133		79107-7208		79107-7258	X	79107-7333						
20	(20.19)	(18.00)		79107-7009		79107-7059	X	79107-7134		79107-7209		79107-7259	X	79107-7334						
22	(22.19)	(20.00)		79107-7010		79107-7060	X	79107-7135		79107-7210		79107-7260	X	79107-7335						
24	(24.19)	(22.00)		79107-7011		79107-7061	X	79107-7136		79107-7211		79107-7261	X	79107-7336						
26	(26.19)	(24.00)		79107-7012		79107-7062	X	79107-7137		79107-7212		79107-7262	X	79107-7337						
28	(28.19)	(26.00)		79107-7013		79107-7063	X	79107-7138		79107-7213		79107-7263	X	79107-7338						
30	(30.19)	(28.00)		79107-7014		79107-7064	X	79107-7139		79107-7214		79107-7264	X	79107-7339						
32	(32.19)	(30.00)		79107-7015		79107-7065	X	79107-7140		79107-7215		79107-7265	X	79107-7340						
34	(34.19)	(32.00)		79107-7016		79107-7066	X	79107-7141		79107-7216		79107-7266	X	79107-7341						
36	(36.19)	(34.00)		79107-7017		79107-7067	X	79107-7142		79107-7217		79107-7267	X	79107-7342						
38	(38.19)	(36.00)		79107-7018		79107-7068	X	79107-7143		79107-7218		79107-7268	X	79107-7343						
40	(40.19)	(38.00)		79107-7019		79107-7069	X	79107-7144		79107-7219		79107-7269	X	79107-7344						
42	(42.19)	(40.00)		79107-7020		79107-7070	X	79107-7145		79107-7220		79107-7270	X	79107-7345						
44	(44.19)	(42.00)		79107-7021		79107-7071	X	79107-7146		79107-7221		79107-7271	X	79107-7346						
46	(46.19)	(44.00)		79107-7022		79107-7072	X	79107-7147		79107-7222		79107-7272	X	79107-7347						
48	(48.19)	(46.00)		79107-7023		79107-7073	X	79107-7148		79107-7223		79107-7273	X	79107-7348						
50	(50.19)	(48.00)		79107-7024		79107-7074	X	79107-7149		79107-7224		79107-7274	X	79107-7349						

"X" - DENOTES THE ITEM IS NOT AVAILABLE CURRENTLY.

PDRS#1861, ADD 7907/5104, 5105, 5106, 5107 EC NO.: S2009-0107 DRAWN AT SEE CHK'D:SKANG APPR:MLONG H1	2008/09/03 2008/09/15 2008/09/15	DESCRIPTION REV	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY AAB	DATE 1989/05/15	TITLE 2MM DUAL ROW VERTICAL RECEPTACLE T/H					
				4 PLACES	± ---	± ---	CHECKED BY	DATE						
				3 PLACES	± ---	± ---	MJM	1989/05/15	MOLEX INCORPORATED SDA-79107-**** SHEET NO. 2 OF 3					
				2 PLACES	± 0.25	± ---	APPROVED BY	DATE						
1 PLACE	± 0.38	± ---	WAZ	1989/05/15										
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.						
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE TABLE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

MOLDED VOID OPTION

ASSEMBLIES WITHOUT PEGS

	ASSEMBLY	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM. "A"	DIM. "B"	P.C. TAIL DIM. "C"
CKT. SIZE	ITEM NO.	ROW	CKT. NO.(s)				
24	79107-5101	ROW B	6	5	(24.19)	(22.00)	(3.00)
10	79107-5102	ROW A	5	5	(10.19)	(8.00)	(3.00)
26	79107-5103	ROW B	5	5	(26.19)	(24.00)	(3.00)
20	79107-5104	ROW A	7	5	(20.19)	(18.00)	(1.91)
24	79107-5105	ROW B	10	5	(24.19)	(22.00)	(1.91)
20	79107-5106	ROW A	7	5	(20.19)	(18.00)	(3.00)
24	79107-5107	ROW B	10	5	(24.19)	(22.00)	(3.00)

"X" - DENOTES THE ITEM IS NOT AVAILABLE CURRENTLY.

NOTES

- TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS HOWEVER, PIN WINDOWS WILL BE CLOSED.
- VOIDS CANNOT BE PRESENT IN BOTH ROWS ON A CONNECTOR.

PDRS#1861, ADD 791075104, 5105, 5106, 5107 EC NO: S2009-0107 DRAWN BY CHYD:SKANG 2008/09/15 APPR:MLONG 2008/09/15 REV H1 DESCRIPTION 	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.38</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ±1/2°</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.38	± ---	ANGULAR ±1/2°			DIMENSION STYLE MM ONLY <table> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>AAB</td> <td>1989/05/15</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>MJM</td> <td>1989/05/15</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>WAZ</td> <td>1989/05/15</td> </tr> </table>	DRAWN BY	DATE	AAB	1989/05/15	CHECKED BY	DATE	MJM	1989/05/15	APPROVED BY	DATE	WAZ	1989/05/15	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	2MM DUAL ROW VERTICAL RECEPTACLE T/H
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			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																	