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Part Number: [0791077006](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 3.00mm (.118) Tail Length, 0.38µm (15µ") Gold (Au) Selective Plating, 14 Circuits, Leadfree

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-79107 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Receptacles
Series [79107](#)
Application Board-to-Board
Product Name Milli-Grid™

Physical

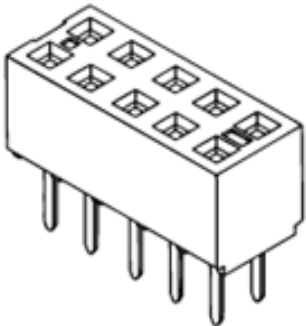
Circuits (Loaded) 14
Color - Resin Black
Durability (mating cycles max) 50
Glow-Wire Compliant No
Lock to Mating Part None
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PC Tail Length (in) 0.118 In
PC Tail Length (mm) 3.00 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 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

Solder Process Data

Duration at Max. Process Temperature (seconds) 10
Lead-free Process Capability Wave Capable (TH only)



Series

image - Reference only

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
[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

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-79107
Sales Drawing	SDA-79107-****

This document was generated on 03/18/2010

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MOLDED VOID OPTION
ASSEMBLIES WITHOUT PEGS

CKT. SIZE	ASSEMBLY	VOID LOCATION(S) SEE SHEET 1 FOR CONVENTION		PLATING OPTION	DIM. "A"	DIM. "B"	P.C. TAIL DIM. "C"
	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

1. TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS HOWEVER, PIN WINDOWS WILL BE CLOSED.
2. 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	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	=0 =0	mm	INCH	DRAWN BY	DATE	TITLE 2MM DUAL ROW VERTICAL RECEPTACLE T/H				
		4 PLACES	± ---	± ---	AAB					
		3 PLACES	± ---	± ---	CHECKED BY	DATE				
		2 PLACES	± 0.25	± ---	MJM	1989/05/15				
	1 PLACE	± 0.38	± ---	APPROVED BY	DATE	MOLEX INCORPORATED				
	ANGULAR ±1/2°		WAZ	1989/05/15						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		DOCUMENT NO.			
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					