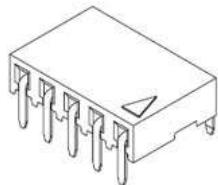


**Part Number: 90148-3391**

2.54mm Pitch C-Grid® PC Board Connector, Single Row, Right Angle, 0.80µm Gold (Au) Selective, 3 Circuits



Series image - Reference only

Status:	OBsolete
Replacement:	Contact Molex
Series:	90148
Category:	PCB Receptacles
Overview:	C-Grid® Products

Mates With Part(s):
C-Grid III™ Header [90120](#), [90121](#)

Product Environmental Compliance[EU RoHS](#): ELV and RoHS Compliant [China RoHS](#): [REACH SVHC](#): Contains SVHC: No[Low-Halogen Status](#): Not Reviewed**Part Detail****General**

Status	Obsolete
Category	PCB Receptacles
Series	90148
Application	Board-to-Board, Signal
Overview	C-Grid® Products
Product Name	C-Grid III™

Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	N/A
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	3A
Grounding to PCB	No
Voltage - Maximum	350V AC/DC

Agency Certification

CSA	LR19980
UL	E29179

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Max Cycles at Max. Process Temperature	1

1000, CYCLES AT 100A, 110VDC, 100°C TEMPERATURE

Process Temperature max. C 260

Material Info

UPC 800756693156

Reference - Drawing Numbers

Sales Drawing RSD-90148-001

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)