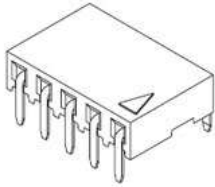


**Part Number: 90148-3391****2.54mm Pitch C-Grid® PC Board Connector, Single Row, Right Angle, 0.80µm Gold (Au) Selective, 3 Circuits**

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**

<b>Status</b>	<b>Obsolete</b>
Category	PCB Receptacles
Series	<a href="#">90148</a>
Application	Board-to-Board, Signal
Overview	<a href="#">C-Grid® Products</a>
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

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

**Material Info**

UPC	800756693156
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**Reference - Drawing Numbers**

Sales Drawing	RSD-90148-001
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**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](#)