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Part Number: 74162-0416

2.54mm Pitch C-Grid® Receptacle, Right Angle, Through Hole, Dual Row, Shrouded, Version A, High-Temperature, 16 Circuits, 0.80μm Gold (Au)

Status:	Active	
Series:	74162	
Category:	PCB Receptacles	
Overview:	C-Grid® / SL™ Products	

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS:
REACH SVHC: Contains SVHC: No
Low-Halogen Status: Low-Halogen

Part Detail

General

Status	Active
Category	PCB Receptacles
Series	74162
Application	Board-to-Board, Signal
Overview	C-Grid® / SL™ Products
Product Name	C-Grid®

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Performance Thermoplastic
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.18mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762μm
Polarized to Mating Part	No
Polarized to PCB	No
Robotic Placement	None
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	250V

Agency Certification

UL	E29179

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)

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

Material Info

Reference - Drawing Numbers

| Product Specification | PS-74162-001 |
| Sales Drawing | SD-74162-001 |

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