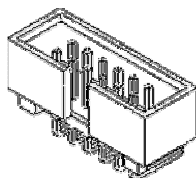


**Part Number: 70247-5076**

2.54mm Pitch C-Grid® Header, Dual Row, Low Profile, Right Angle, Shrouded, 50 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, Lead-Free



Series image - Reference only

Status:	OBSOLETE
Replacement:	Contact Molex
Series:	70247
Category:	PCB Headers
Overview:	C-Grid® Products

Mates With Part(s):
[39-53-4506](#), [39-53-3509](#), [22-552501](#)

Use With:
[70058](#) SL™ Crimp Terminal

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 Headers
Series	70247
Application	Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®

Physical

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.05mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Center Slot
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +120°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	2.5A
Voltage - Maximum	250V DC

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
Process Temperature max. C	265

Material Info

UPC	822348488575
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Application Tooling
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](#)