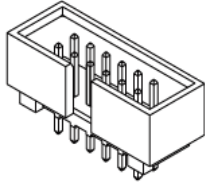**molex®**
one company › a world of innovation

Part Number: 70246-1012

2.54mm Pitch C-Grid® Header, Low Profile, Dual Row, Vertical, Shrouded, 10 Circuits, 0.50µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, Lead-Free

Status:	**OBSOLETE**
Replacement:	Contact Molex
Series:	70246
Category:	PCB Headers
Overview:	C-Grid® Products

Series image - Reference only

Mates With Part(s):
70450 SL™ Crimp Housing, 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	70246
Application	Signal, Wire-to-Board
Overview	C-Grid® Products
Product Name	C-Grid®

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.508µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Center Slot
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	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	822350615013

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