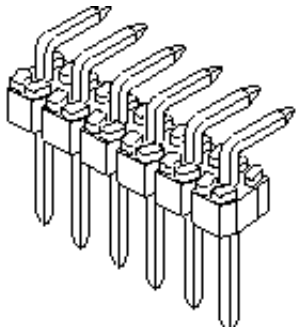
Part Number : 901210770
Product Description : 2.54mm Pitch C-Grid III Header, Single Row, Right-Angle, 10 Circuits, 0.38µm Gold (Au) Selective Plating
Series Number : 90121
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
901210770_sd.pdf
PK-90120-100-001.pdf

3D Models and Design Files
901210770_stp.zip

Specifications
901190001-AS-000.pdf
PS-99020-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	90121
Description	2.54mm Pitch C-Grid III Header, Single Row, Right-Angle, 10 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid III
UPC	800753705579

Agency

UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	350V

Physical

Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No

Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.771/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	3.048µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	3
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	235

Mates With / Use With

Mates with Part(s)

Description	Part Number

C-Grid III Vertical Single Row PC Board Connectors	90147
C-Grid III Right-Angle Single Row PC Board Connectors	90148
C-Grid III Modular Single Row Crimp Housings	90123