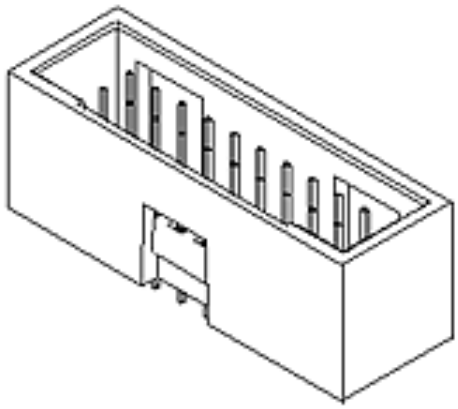
Part Number : 15800205
Product Description : 2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 20 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating
Series Number : 70567
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 70567-0144



Documents & Resources

Drawings

Drawing_015800205_sd.pdf
Packaging Design Drawing_PK-70873-0018-001.pdf

3D Models and Design Files

3D Model_015800205_stp.zip

Specifications

Application Specification_713080001-AS-000.pdf
Product Specification_PS-70567-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	70567
Description	2.54mm Pitch C-Grid Header, Through Hole without Peg, Dual Row, Vertical, Shrouded, High Temperature, 20 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	800753974784

Agency

UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.471/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	1
Max-Temp	245

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Vertical, Dual Row, High Profile, Surface Mount PCB Connectors	71395
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	71850
SL Dual Row Crimp Housings	70450