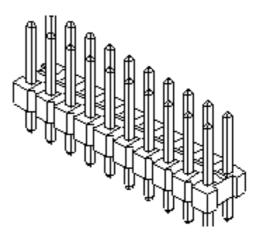


Part Number : 10897562

Product Description : 2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, High Temperature, 56 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, 2.72mm PC Tail Series Number : 70280

Status : Active Product Category : PCB Headers and Receptacles Engineering Number : A-70280-0068



Documents & Resources

Drawings 010897562_sd.pdf PK-70873-0353-001.pdf

3D Models and Design Files 010897562_stp.zip

Specifications PS-70280-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	Ø
EU ELV	Not Relevant
Low-Halogen Status	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	70280
Description	2.54mm Pitch C-Grid Breakaway Header, Dual Row, Vertical, High Temperature, 56 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating, 2.72mm PC Tail
Application	Board-to-Board, Signal, Wire-to- Board
Component Type	PCB Header
Product Name	C-Grid
UPC	800755022087

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Physical

Breakaway	Yes
Circuits (Loaded)	56
Circuits (maximum)	56
Color - Resin	Black
Durability (mating cycles max)	50

No
94V-0
No
No
None
None
Copper Alloy
Gold
Tin
4.217/g
2
Vertical
Bag
2.79mm
No
None
1.60mm
2.54mm
0.381µm
1.905µm
No
No
No
Yes
40° to +105°C
Through Hole

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates with Part(s)

Description	Part Number
C-Grid Right-Angle, Dual Row, Surface Mount PCB Receptacles	<u>71979</u>
C-Grid Vertical, Dual Row, High Profile, Surface Mount PCB Connectors	<u>71395</u>
C-Grid Vertical, Dual Row, High Profile, Through Hole PCB Receptacles	<u>71850</u>
2.54mm Pitch C-Grid Shunt Terminal Housings	7859

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