



Part Number : 878342019

Series Number : 87834
Product Category : PCB Headers and Receptacles

Product Description : 2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, 20 Circuits, 0.13µm Gold (Au) Plating, Black, without PCB Locator, without End Window, Center Polarization Slot, Lead-Free
Status : Active

Documents & Resources


Drawings
Drawing 878342019_sd.pdf
Packaging Design Drawing PK-87835-001-001.pdf

3D Models and Design Files
3D Model 878342019_stp.zip

Specifications
Application Specification 713080001-AS-000.pdf
Product Specification PS-70246-100-001.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(2023)3788-DC (14 Jun 2023)
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	87834
Description	2.54mm Pitch C-Grid Header, Dual Row, Low Profile, Vertical, Shrouded, 20 Circuits, 0.13µm Gold (Au) Plating, Black, without PCB Locator, without End Window, Center Polarization Slot, Lead-Free
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	822348363995

Agency

UL	E29179
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Electrical

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

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	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.899/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.43mm
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.127µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Center Slot
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +120°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
Mates With	1.27mm Pitch Ribbon Cable Connectors

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