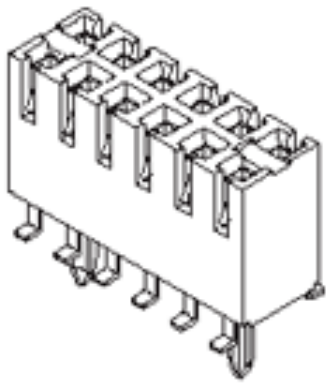
Part Number : 15453144
Product Description : 2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 44 Circuits
Series Number : 71395
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 71395-1144



Documents & Resources

Drawings

Drawing 015453144_sd.pdf
Packaging Design Drawing PK-70873-0304-001.pdf

3D Models and Design Files

3D Model 015453144_stp.zip

Specifications

Application Specification 713080001-AS-000.pdf
Application Specification AS-71395-001-001.pdf
Product Specification PS-71395-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Not Reviewed 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	71395
Description	2.54mm Pitch C-Grid PCB Connector, Surface Mount, High Profile, Dual Row, Vertical, 44 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	C-Grid Connector Products
Product Name	C-Grid
UPC	800754610117

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A
Grounding to PCB	No
Voltage - Maximum	250V

Physical

Circuits (Loaded)	44
Circuits (maximum)	44

Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	1.47mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Lead-Free Process Capability	REFLOW
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
C-Grid Vertical, Dual Row, Low Profile Headers	70246

C-Grid Vertical, Dual Row, Through Hole Headers without Peg	70567
C-Grid Right-Angle, Dual Row, Low Profile Headers	70247
C-Grid Right-Angle, Dual Row, Through Hole Headers	74162
C-Grid Vertical Dual Row Breakaway Headers	70280
C-Grid Vertical Dual Row Breakaway Headers with Retention Pin	70287
C-Grid Vertical, Dual Row, Surface Mount Breakaway Headers	71308
C-Grid Right-Angle Dual Row Breakaway Headers	70216
C-Grid Right-Angle, Dual Row, Low Profile, Breakaway Headers	71764