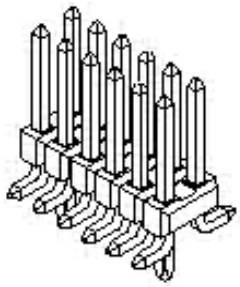
Part Number : 713085410
Product Description : 2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 10 Circuits, 1.50µm Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, without PCB Locator Pegs
Series Number : 71308
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

713085410_sd.pdf

PK-70873-0353-001.pdf

713080000-PK-000.pdf

713080001-PK-000.pdf

713080002-PK-000.pdf

713080003-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

713080001-AS-000.pdf

PS-71308-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant

Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

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

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	71308
Description	2.54mm Pitch C-Grid Breakaway Header, Surface Mount, Dual Row, Vertical, 10 Circuits, 1.50µm Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, without PCB Locator Pegs
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	C-Grid
UPC	883906267803

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	Yes
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.598/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.54mm
Plating min - Termination	1.520µm
Polarized to PCB	No
Shrouded	No
Stackable	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

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