Part Number : 717410004
Product Description : 1.00mm Mezz (IEEE 1386) Plug, Surface Mount, Dual Row, Vertical Stacking, 84 Circuits, 8.30mm Unmated Height, with PCB Locator Pegs, with Robotic Placement Metal Cap, 0.76µm Gold (Au) Plating, Embossed Tape on Reel
Series Number : 71741
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

717410004_sd.pdf

PK-70873-063-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-71741-9999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 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)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

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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	Board-to-Board Connectors
Series	71741
Description	1.00mm Mezz (IEEE 1386) Plug, Surface Mount, Dual Row, Vertical Stacking, 84 Circuits, 8.30mm Unmated Height, with PCB Locator Pegs, with Robotic Placement Metal Cap, 0.76µm Gold (Au) Plating, Embossed Tape on Reel
Application	Board-to-Board, Signal, Mezzanine
Component Type	PCB Header, Plug
Product Name	1.00mm Mezzanine (IEEE 1386)
UPC	822348735334

Agency

CSA	LR19980
UL	E29179

Electrical

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Current - Maximum per Contact	1.0A
Voltage - Maximum	100V

Physical

Breakaway	No
Circuits (Loaded)	84
Circuits (maximum)	84
Color - Resin	Natural
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Mated Height	10.00mm, 15.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.000/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.905µm
Robotic Placement	Pick and Place Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	REFLOW

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Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.00mm Mezz (IEEE 1386) Vertical Receptacles	71742

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