

Part Number : 717420001

Series Number : 71742

Product Category : Board-to-Board Connectors

Product Description : 1.00mm Mezz (IEEE 1386) Receptacle, Surface Mount, Dual Row, Vertical Stacking, 84 Circuits

Status : Active

## Documents & Resources

### Drawings

Drawing 717420001\_sd.pdf

Packaging Design Drawing PK-70873-063-001.pdf

### 3D Models and Design Files

3D Model 717420001\_stp.zip

### Specifications

Product Specification PS-71741-9999-001.pdf

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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

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### Part Details

#### General

Status	Active
Category	Board-to-Board Connectors
Series	71742
Description	1.00mm Mezz (IEEE 1386) Receptacle, Surface Mount, Dual Row, Vertical Stacking, 84 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	1.00mm Mezzanine (IEEE 1386)
Product Name	1.00mm Mezzanine (IEEE 1386)
UPC	800755014518

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Circuits (Loaded)	84
Circuits (maximum)	84
Color - Resin	Natural
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin

Material - Resin	High Temperature Thermoplastic
Net Weight	1.400/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.254µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Robotic Placement	Pick and Place Cap
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount

## Solder Process Data

Lead-Free Process Capability	REFLOW
Max-Temp	260

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
1.00mm Mezz (IEEE 1386) Vertical Plugs	<u>71741</u>

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