



Part Number : 717410002

**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, 0.25µm Gold (Au) Selective Plating, Embossed Tape on Reel  
**Status :** Active

**Series Number :** 71741  
**Product Category :** Board-to-Board Connectors

Documents & Resources


**Drawings**  
Drawing 717410002\_sd.pdf  
Packaging Design Drawing PK-70873-063-001.pdf

**3D Models and Design Files**  
3D Model 717410002\_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	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, 0.25µm Gold (Au) Selective Plating, Embossed Tape on Reel
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Family	1.00mm Mezzanine (IEEE 1386)
Product Name	1.00mm Mezzanine (IEEE 1386)
UPC	800755014464

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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	2.100/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	0.254µm
Plating min - Termination	1.016µm
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

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 Receptacles	<u>71742</u>

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