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**Part Number:** [0717422001](#)  
**Status:** **Active**  
**Overview:** 1.00mm Mezzanine (IEEE 1386)  
**Description:** 1.00mm Mezz (IEEE 1386) Receptacle, Surface Mount, Dual Row, Vertical Stacking, 84 Circuits, 0.25µm Gold Plating, Tape and Reel Packaging

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-71741-9999-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-063-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">71742</a>
Application	Board-to-Board, Signal
Overview	<a href="#">1.00mm Mezzanine (IEEE 1386)</a>
Product Name	1.00mm Mezzanine (IEEE 1386)
UPC	822350550888

**Physical**

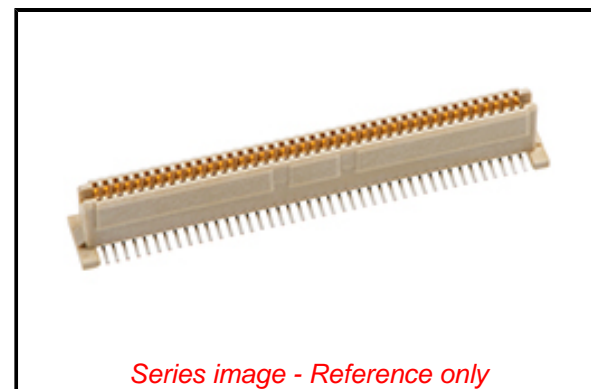
Circuits (Loaded)	84
Circuits (maximum)	84
Color - Resin	Natural
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.726/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
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
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[71742 Series](#)

**Mates With**

[71741](#) 1.00mm Mezz (IEEE 1386) Plug for  
Stack Height 12mm

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-70873-063-001
Product Specification	PS-71741-9999-001
Sales Drawing	717422000-000

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