



Part Number : [1728320001](#)

Product Description : NeoPress High-Speed Mezzanine Receptacle, 3.50mm Pitch, 6x14, 84 Triads (252 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating

Series Number : 172832

Status : Active

Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

[1728320001 sd.pdf](#)

[PK-173358-0001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[1728017002-000.pdf](#)

[1728017005-000.pdf](#)

[1728017002-000.zip](#)

[1728017005-000.zip](#)

Specifications

[AS-172801-0001-001.pdf](#)

[PS-172801-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33; 44
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

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	172832
Description	NeoPress High-Speed Mezzanine Receptacle, 3.50mm Pitch, 6x14, 84 Triads (252 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating
Application	Board-to-Board, Signal, Mezzanine
Component Type	PCB Receptacle, Receptacle
Product Name	NeoPress
UPC	889056200561

Agency

UL	E29179
----	--------

Electrical

Current - Maximum per Contact	1.0A
Grounding to PCB	No
Voltage - Maximum	30V AC (RMS)

Physical

Circuits (Loaded)	252
Circuits (maximum)	252
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	17.462/g
Number of Rows	6
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PC Tail Length	1.38mm
Pitch - Mating Interface	3.50mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	None
Stackable	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 6x14, 84 Triads (252 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating	<u>1728010001</u>

Application Tooling