



Part Number : [1728010005](#)
Product Description : NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 6x10, 60 Triads (180 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating
Series Number : 172801
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

[1728010005 sd.pdf](#)
[PK-173358-0001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)
[1728017005-000.pdf](#)
[1728017005-000.zip](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	172801
Description	NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 6x10, 60 Triads (180 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating
Application	Board-to-Board, Signal, Mezzanine
Component Type	PCB Header, Plug
Product Name	NeoPress
UPC	889056383097

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V AC (RMS)

Physical

Breakaway	No
Circuits (Loaded)	180
Circuits (maximum)	180
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
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	14.238/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
Shrouded	Yes
Stackable	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
NeoPress High-Speed Mezzanine Receptacle, 3.50mm Pitch, 6x10, 60 Triads (180 Circuits), 18.50mm Connector Height, 0.76µm Gold (Au) Plating	<u>1728320005</u>

Application Tooling
