



Part Number : [2033410002](#)

Product Description : NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 4x12, 48 Triads (144 Circuits), 12.50mm Connector Height, 0.76µm Gold (Au) Plating

Series Number : 203341

Status : Active

Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

[2033410002 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[2033410020REVA-000.pdf](#)

[2040450013REVA-000.pdf](#)

[2033410020REVA-000.zip](#)


[2040450013REVA-000.zip](#)

Specifications

[2033400001-PS-000.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)4165-DC (25 June 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	203341
Description	NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 4x12, 48 Triads (144 Circuits), 12.50mm Connector Height, 0.76µm Gold (Au) Plating
Application	Board-to-Board, Signal, Mezzanine
Component Type	PCB Header
Product Name	NeoPress
UPC	191128188579

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
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	10.720/g
Number of Rows	4
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, 4x12, 48 Triads (144 Circuits), 22.50mm Connector Height, 0.76µm Gold (Au) Plating	<u>2033400002</u>
NeoPress High-Speed Mezzanine Receptacle, 3.50mm Pitch, 4x12, 48 Triads (144 Circuits), 7.50mm Connector Height, 0.76µm Gold (Au) Plating	<u>2033400003</u>

Application Tooling