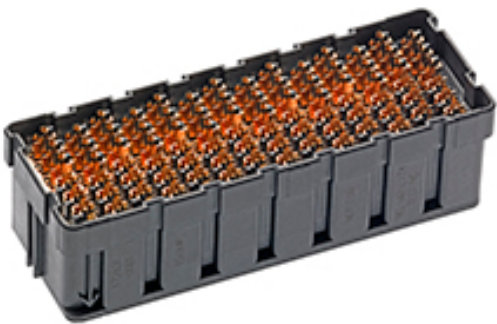




Part Number : [2033410002](#)
Product Description : NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 4x12, 48 Triads (144 Circuits), 12.50mm Connector Height, 0.76µm Gold (Au) Plating
Series Number : 203341
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings
[2033410002_sd.pdf](#)

3D Models and Design Files
[2033410002_stp.zip](#)
[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	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

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
PC Tail Length	1.38mm
PCB Locator	No
PCB Retention	None
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>
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This document was generated on Apr 20, 2025