



Part Number : 2033410002

Series Number : 203341

Product Category : Board-to-Board
Connectors

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

Status : Active

Documents & Resources

Drawings

Drawing 2033410002_sd.pdf

3D Models and Design Files

3D Model 2033410002_stp.zip

Electrical Model Document 2033410020REVA-000.pdf

Electrical Model Document 2040450013REVA-000.pdf

S-Parameter Model 2033410020REVA-000.zip


S-Parameter Model 2040450013REVA-000.zip

Specifications

Product Specification 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)4144-DC (27 June 2024)
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
Component Type	PCB Header
Product Family	NeoPress Mezzanine System
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	No
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 Sep 17, 2024