



Part Number : 1708142007

Series Number : 170814

Product Category : Board-to-Board
Connectors


Product Description : NeoScale High-Speed
Mezzanine Receptacle, 2.80mm Pitch, 6x24,
132 Triads-100 Ohm, 12 Power Triads (432
Circuits), 8.00mm Connector Height

Status : New Business Not Supported

Documents & Resources

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	New Business Not Supported
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Category	Board-to-Board Connectors
Series	170814
Description	NeoScale High-Speed Mezzanine Receptacle, 2.80mm Pitch, 6x24, 132 Triads-100 Ohm, 12 Power Triads (432 Circuits), 8.00mm Connector Height
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Family	NeoScale Mezzanine System
Product Name	NeoScale
UPC	887191638140

Agency

UL	E29179
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Electrical

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

Physical

Circuits (Loaded)	432
Circuits (maximum)	432
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
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	18.592/g

Number of Rows	6
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.80mm
Pitch - Termination Interface	2.80mm
Plating min - Mating	0.762μm
Plating min - Termination	2.540μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Solder or Weld

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	260