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Part Number:

1708142009

Status:

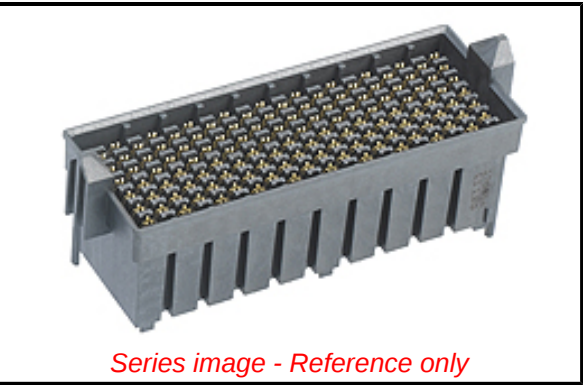
Active

Overview:

NeoScale Mezzanine System

Description:

NeoScale High-Speed Mezzanine Receptacle, 2.80mm Pitch, 6x20, 120 Triads-100 Ohm (360 Circuits), 8.00mm Connector Height



Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-170807-0001-001 (PDF)

Packaging Specification PK-170814-002-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Receptacles
Series	170814
Application	Board-to-Board, Signal
Overview	NeoScale Mezzanine System
Product Name	NeoScale
UPC	887191540788
Physical	
Circuits (Loaded)	360
Circuits (maximum)	360
Color - Resin	Black
Durability (mating cycles max)	100
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	16.426/g
Number of Rows	6
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Solder or Weld
Electrical	
Current - Maximum per Contact	1.0A
Grounding to PCB	No
Voltage - Maximum	30V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	1708072126-000

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)9139-DC (19 Jan 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

170814 Series

Mates With

NeoScale High-Speed Mezzanine Plug

1708072009 , 1708072017

Packaging Specification
Product Specification
S-Parameter Model
Sales Drawing

PK-170814-002-001
PS-170807-0001-001
SP-170807-2005-001, SP-170814-0025-001
SD-170814-2009-001

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