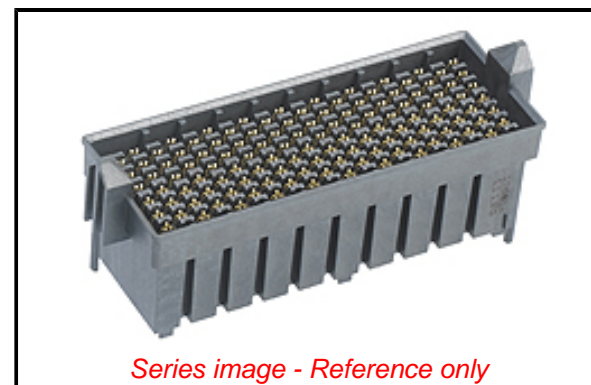


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Part Number: [1708142009](#)
Status: **Active**
Overview: [NeoScale Mezzanine System](#)
Description: NeoScale High-Speed Mezzanine Receptacle, 2.80mm Pitch, 6x20, 120 Triads-100 Ohm (360 Circuits), 8.00mm Connector Height

Documents:

3D Model	Packaging Specification PK-170814-002-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-170807-0001 (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
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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
SP-170807-2005, SP-170814-0025
SD-170814-2009-001

This document was generated on 10/27/2020

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