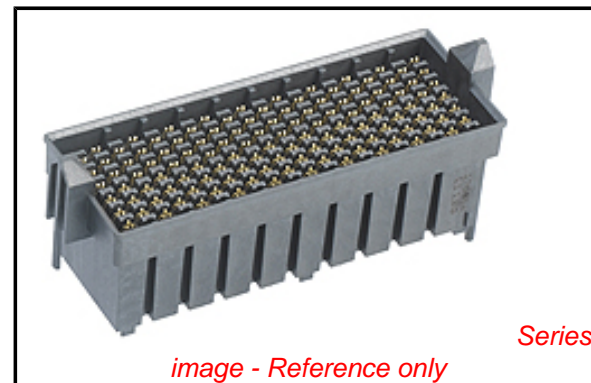


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Part Number: [170814-2008](#)
Status: **Active**
Overview: NeoScale™ High-Speed Mezzanine System
Description: NeoScale™ 2.80mm Pitch High-Speed Mezzanine Receptacle, 6x12, 72 Triads (216 Circuits), 18.00mm Connector Height, 30u" Gold (Au) Plating

Documents:

[3D Model](#) [Test Summary TS-170807-2006 \(PDF\)](#)
[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
Electrical Model	No
Overview	NeoScale™ High-Speed Mezzanine System
Product Name	NeoScale™
UPC	887191540771

Physical

Circuits (Loaded)	216
Circuits (maximum)	216
Color - Resin	Black
Durability (mating cycles max)	100
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	6
Orientation	Vertical
PC Tail Length	1.30mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface	2.80mm
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-55°C 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	EE-170807-2100
Product Specification	PS-170807-0001
S-Parameter Model	SP-170807-2100
Sales Drawing	SD-170814-2016

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Low-Halogen Status
Not Reviewed**

China RoHS



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Search Parts in this Series

170814Series

Mates With

[170807](#) NeoScale™ 2.80mm Pitch High-Speed Mezzanine Plug

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