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Part Number:

1708140039

Status:

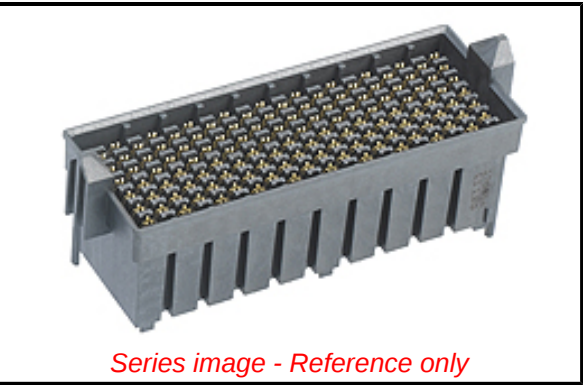
Active

Overview:

NeoScale Mezzanine System

Description:

NeoScale High-Speed Mezzanine Receptacle, 2.80mm Pitch, 4x18, 72 Triads-85 Ohm (216 Circuits), 8.00mm Connector Height



Documents:	
3D Model	Packaging Specification PK-170814-002-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (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
Taxonomy	Board-to-Board Connectors
UPC	889056275248
Physical	
Circuits (Loaded)	216
Circuits (maximum)	216
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	10.790/g
Number of Rows	4
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)
Solder Process Data	
Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW

EU ELV	
Not Reviewed	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per -	
D(2022)4187-DC (10	
June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Reviewed
RoHS Phthalates	Not Contained

Search Parts in this Series

170814 Series

Mates With

NeoScale High-Speed Mezzanine Plug

1708070039

Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-170814-002-001
Sales Drawing	SD-170814-0036-001

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