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Part Number:

1708070037

Status:

Active

Overview:

NeoScale Mezzanine System

Description:

NeoScale High-Speed Mezzanine Plug, 2.80mm Pitch, 4x8, 32 Triads (96 Circuits), 12.00mm Connector Height, 0.76µm Gold (AU) Plating

Documents:

3D Model

Drawing (PDF)

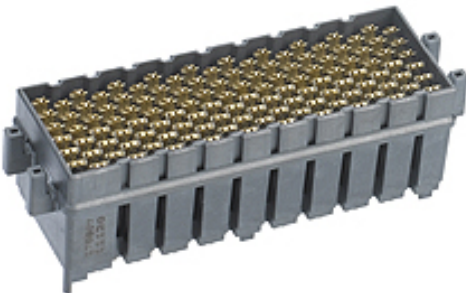
Product Specification PS-170807-0001 (PDF)

Packaging Specification PK-170807-002 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	170807
Application	Board-to-Board, Signal
Electrical Model	No
Overview	NeoScale Mezzanine System
Product Name	NeoScale
UPC	889056039758
Physical	
Breakaway	No
Circuits (Loaded)	96
Circuits (maximum)	96
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Capable	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
Net Weight	7.252/g
Number of Rows	4
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
Robotic Placement	Pick and Place Cap
Shrouded	Yes
Stackable	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
Voltage - Maximum	30V AC (RMS)

Solder Process Data



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
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

170807 Series

Mates With

170814 2.80mm Pitch NeoScale PCB Receptacles

Duration at Max. Process Temperature (seconds)	020
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-170807-002
Product Specification	PS-170807-0001
Sales Drawing	SD-170807-0037

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