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Part Number:

1708142007

Status:

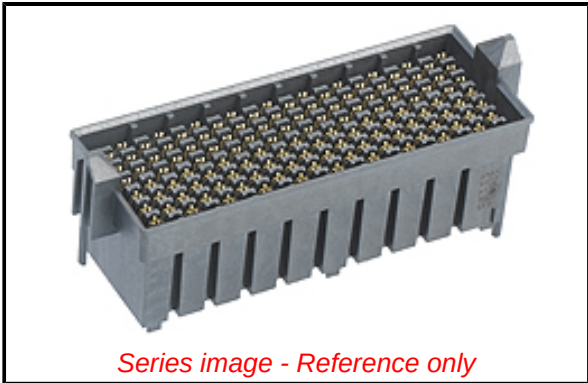
Active

Overview:

NeoScale Mezzanine System

Description:

NeoScale High-Speed Mezzanine Receptacle, 2.80mm Pitch, 6x24, 132 Triads-100 Ohm, 12 Power Triads (432 Circuits), 8.00mm Connector Height



Documents:

Drawing (PDF)

3D Model

3D Model (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

Series

Application

Overview

Product Name

UPC

PCB Receptacles

170814

Board-to-Board, Signal

NeoScale Mezzanine System

NeoScale

887191638140

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

432

432

Black

100

No

Yes

None

No

High Performance Alloy (HPA)

Gold

Tin

Liquid Crystal Polymer

18.592/g

6

Vertical

Yes

Yes

Tray

2.80mm

2.80mm

0.762µm

2.540µm

Yes

Yes

Yes

-55° to +85°C

Solder or Weld

Electrical

Current - Maximum per Contact

Grounding to PCB

Voltage - Maximum

1.0A

No

30V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-freeProcess Capability

040

REFLOW

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

1708072007

Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	1708072126-000
Packaging Specification	PK-170814-002-001
Product Specification	PS-170807-0001-001
S-Parameter Model	SP-170807-2005-001, SP-170814-0025-001
Sales Drawing	SD-170814-2007-001

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