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Part Number:

1708140015

Status:

Active

Overview:

NeoScale® High-Speed Mezzanine System

Description:

NeoScale™ High-Speed Mezzanine Receptacle, 2.80mm Pitch, 6x8, 48 Triads (144 Circuits), 8.00mm Connector Height, 0.76µm Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-170807-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Electrical Model

Overview

Product Name

UPC

PCB Receptacles

170814

Board-to-Board, Signal

No

NeoScale® High-Speed Mezzanine System

NeoScale™

884982862807

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

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

PC Tail Length

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Polarized to Mating Part

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

144

144

Black

100

94V-0

No

Yes

Yes

No

High Performance Alloy (HPA)

Gold

Gold

High Temperature Thermoplastic

7.567/g

6

Vertical

1.30mm

Yes

Yes

Tray

2.80mm

0.762µm

Yes

Yes

-55°C 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

170814 Series

Mates With

170807 NeoScale™ 2.80mm Pitch High-Speed Mezzanine Plug

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

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-170807-1020
Product Specification	PS-170807-0001
S-Parameter Model	SP-170807-1020
Sales Drawing	SD-170814-0015

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