

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

170807-0004

Status:

Active

Overview:

NeoScale™ High-Speed Mezzanine System

Description:

NeoScale™ High-Speed Mezzanine Plug, 6x20, 120 Triads (360 Circuits), 18.00mm Connector Height, 30u" Gold (Au) Plating

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

170807

Application

Board-to-Board, Signal

Electrical Model

Yes

Overview

NeoScale™ High-Speed Mezzanine System

Product Name

NeoScale™

UPC

884982698628

Physical

Breakaway

No

Circuits (Loaded)

360

Circuits (maximum)

360

Color - Resin

Black

Durability (mating cycles max)

100

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

Yes

Lock to Mating Part

No

Material - Metal

Copper

Material - Plating Mating

Gold

Material - Resin

High Temperature Thermoplastic

Net Weight

28.675/g

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

Robotic Placement

Pick and Place Cap

Shrouded

Yes

Stackable

Yes

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Solder or Weld

Electrical

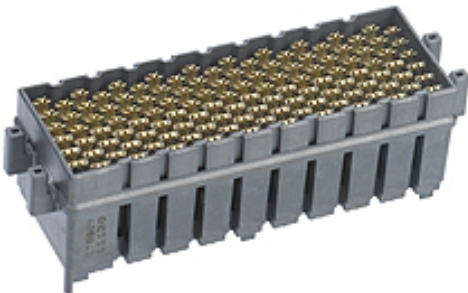


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

170807Series

Mates With

170814 2.80mm NeoScale™ PCB Receptacles

Current - Maximum per Contact	1A
Voltage - Maximum	30V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-170807-0004, EE-170814-0009
S-Parameter Model	SP-170807-0004
Sales Drawing	SD-170807-0004

This document was generated on 10/09/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION