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Part Number: [1728010001](#)
Status: **Active**
Overview: [NeoPress High-Speed Mezzanine System](#)
Description: NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 6x14, 84 Triads (252 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-173358-0001-001 \(PDF\)](#) [Product Literature \(PDF\)](#)

Agency Certification

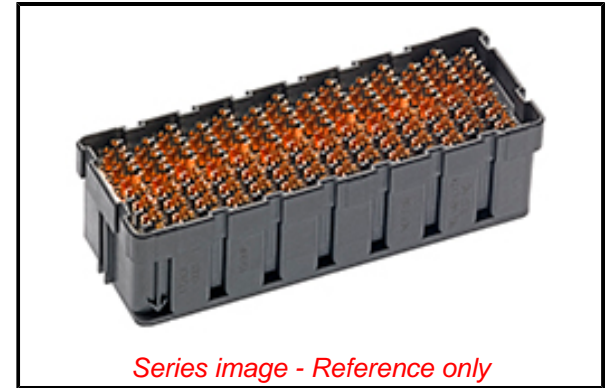
UL E29179

General

Product Family PCB Headers
 Series [172801](#)
 Application Board-to-Board, Signal
 Application Tooling Part Link 62203-1300
 Application Tooling Part Link 62203-1320
 Application Tooling Part Link 62203-1410
 Electrical Model No
 Overview [NeoPress High-Speed Mezzanine System](#)
 Product Literature Order No 987651-3181
 Product Name NeoPress
 UPC 889056200554

Physical

Breakaway No
 Circuits (Loaded) 252
 Circuits (maximum) 252
 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 None
 Lock to Mating Part No
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Tin over Nickel
 Material - Resin Liquid Crystal Polymer
 Net Weight 18.344/g
 Number of Rows 6
 Orientation Vertical
 PC Tail Length 1.38mm
 PCB Locator No
 PCB Retention None
 Packaging Type Tray
 Pitch - Mating Interface 3.50mm
 Plating min - Mating 0.762µm
 Plating min - Termination 1.270µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Robotic Placement None
 Shrouded Yes
 Stackable Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[172801](#) Series

Mates With

[172832-0001](#) NeoPress 3.50mm Pitch PCB Receptacle

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V AC (RMS)

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Electrical Model Document	1728017002-000, 1728017005-000
Packaging Specification	PK-173358-0001-001
Sales Drawing	1728010002-000
Signal Integrity Report	1728017002REV1-000

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