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Part Number: [1733640001](#)
Status: **Active**
Overview: [NeoPress Mezzanine System](#)
Description: NeoPress High-Speed Mezzanine Receptacle, 3.50mm Pitch, 6x10, 60 Triads (180 Circuits), 7.50mm Connector Height, 0.76µm Gold (Au) Plating

Documents:

3D Model	Application Specification AS-172801-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-173358-0001-001 (PDF)
Product Specification PS-172801-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 62203-1340
 Application Tooling Part Link 62203-1410

General

Product Family PCB Receptacles
 Series [173364](#)
 Application Board-to-Board, Signal
 Electrical Model Yes
 Overview [NeoPress Mezzanine System](#)
 Product Name NeoPress
 UPC 889056589956

Physical

Circuits (Loaded) 180
 Circuits (maximum) 180
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Glow-Wire Capable 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 9.281/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
 Stackable Yes
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55° to +85°C



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[173364](#) Series

Mates With

[173363-0001](#) NeoPress 3.50mm Pitch Plug

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1.0A

Grounding to PCB

No

Voltage - Maximum

30V AC (RMS)

Material Info

Reference - Drawing Numbers

Application Specification

AS-172801-0001-001

Electrical Model Document

EE-173363-0001

Packaging Specification

PK-173358-0001-001

Product Specification

PS-172801-0001-001

S-Parameter Model

SP-173363-0001

Sales Drawing

1733640002-000

Signal Integrity Report

1733630001REVA-000

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