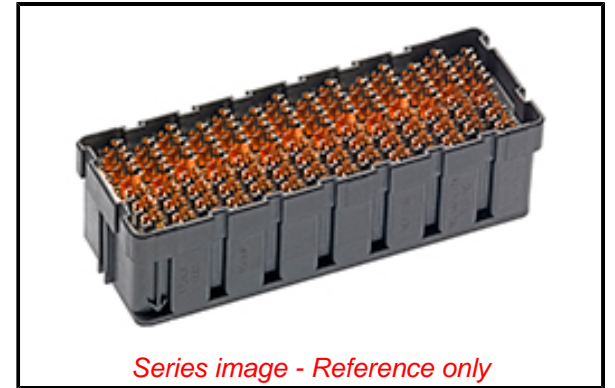


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Part Number: [1733630001](#)
Status: **Active**
Overview: [NeoPress Mezzanine System](#)
Description: NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 6x10, 60 Triads (180 Circuits), 7.50mm Connector Height, 0.76µm Gold (Au) Plating

Documents:

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



Series image - Reference only

Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 62203-1330
 Application Tooling Part Link 62203-1410

General

Product Family PCB Headers
 Series [173363](#)
 Application Board-to-Board, Signal
 Electrical Model Yes
 Overview [NeoPress Mezzanine System](#)
 Product Name NeoPress
 UPC 889056589963

Physical

Breakaway No
 Circuits (Loaded) 180
 Circuits (maximum) 180
 Color - Resin Black
 Durability (mating cycles max) 100
 First Mate / Last Break No
 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
 Material - Plating Termination Tin
 Material - Resin Liquid Crystal Polymer
 Net Weight 8.881/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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 Perfluorohexane-1-
 sulphonic acid and its
 salts
 Tris(4-nonylphenyl,
 branched and linear)
 phosphi
 Zirconia
 Aluminosilicate
 Refractory Ceramic
 Fibr
 1,2-
 benzenedicarboxylic
 acid, dipentylester,
 bra
 Terphenyl,
 hydrogenated
 2-(2H-benzotriazol-2-
 yl)-4-(tert-butyl)-6-
 (sec-b
 2-(2H-benzotriazol-2-
 yl)-4,6-
 ditertpentylphenol
 2-ethylhexyl 10-
 ethyl-4,4-dioctyl-7-
 oxo-8-oxa-3,
 ammoniumpentadecafluorooctanoate
 disodium 4-
 amino-3-[[4'-[(2,4-
 diaminophenyl)azo]
 dibutyltin dichloride
 1,2-diethoxyethane
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 decamethylcyclopentasiloxane
 dodecamethylcyclohexasiloxane

China RoHS

Shrouded
Stackable
Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

Yes
Yes
No
-55° to +85°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Voltage - Maximum

1.0A
30V AC (RMS)

Material Info

Reference - Drawing Numbers

Application Specification
Electrical Model Document
Packaging Specification
Product Specification
S-Parameter Model
Sales Drawing

AS-172801-0001-001
EE-173363-0001
PK-173358-0001-001
PS-172801-0001-001
SP-173363-0001
1733630002-000

benzo[ghi]perylene
ethylene thiourea
phenanthrene
[phthalato(2-)]dioxotrilead
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous acid, lead
salt, dibasic
cadmium hydroxide
pyrochlore, antimony
lead yellow
orange lead
1,2-bis(2-
methoxyethoxy)ethane
1,2-dimethoxyethane
bis(2-methoxyethyl)
phthalate
pentazinc chromate
octahydroxide
tetraboron disodium
heptaoxide, hydrate
tris(2-chloroethyl)
phosphate

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

[173363](#) Series

Mates With

[1733640001](#) NeoPress 3.50mm Pitch PCB Receptacle

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
NeoPress Plug	622031330
Assembly Press-In Tool for 6-Pair by 10 Column Assemblies	
NeoPress Removal Tool for NeoPress Plugs and Receptacles	622031410

This document was generated on 10/27/2020

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