

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1728320001](#)  
**Status:** **Active**  
**Overview:** [NeoPress Mezzanine System](#)  
**Description:** NeoPress High-Speed Mezzanine Receptacle, 3.50mm Pitch, 6x14, 84 Triads (252 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-172801-0001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-173358-0001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-172801-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**Application tooling part link**

Application Tooling Part Link	62203-1310
Application Tooling Part Link	62203-1320
Application Tooling Part Link	62203-1410

**General**

Product Family	PCB Receptacles
Series	<a href="#">172832</a>
Application	Board-to-Board, Signal
Electrical Model	No
Overview	<a href="#">NeoPress Mezzanine System</a>
Product Name	NeoPress
UPC	889056200561

**Physical**

Circuits (Loaded)	252
Circuits (maximum)	252
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
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	17.462/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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172832](#) Series

**Mates With**

[172801-0001](#) NeoPress 3.50mm Pitch Plug

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

**Electrical**

Current - Maximum per Contact	1.0A
Grounding to PCB	No
Voltage - Maximum	30V AC (RMS)

**Solder Process Data**

Lead-free Process Capability	N/A
------------------------------	-----

**Material Info****Reference - Drawing Numbers**

Application Specification	AS-172801-0001-001
Electrical Model Document	1728017002-000, 1728017005-000
Packaging Specification	PK-173358-0001-001
Product Specification	PS-172801-0001-001
S-Parameter Model	1728017002-000, 1728017005-000
Sales Drawing	1728320002-000

This document was generated on 10/04/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[589158040000018](#) [MDF7C-18P-2.54DSA\(55\)](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [FX4C-80S-1.27DSA](#) [FCN-214Q030-G/0](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [2-22603-0](#) [MDF7-40DP-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#) [MIT-114-03-F-D-K](#) [55323-1519](#) [DF33-2P-3.3DSA\(24\)](#) [YFT-20-05-H-03-SB-K](#) [503308-3040](#) [026-6203-PDB](#) [027-6203-PDB](#) [069159702701000](#) [10123981-102LF](#) [101A10019X](#) [55650-0588-C](#) [68682-310LF](#) [68684-306](#) [75140-7012](#) [87471-650](#) [YTW-30-07-H-Q-410-140](#) [194261-1](#) [FCN-268F024-G0D](#) [10124054-515LF](#) [68685-603](#) [8-1616154-3](#) [MIS-019-01-F-D](#) [FCN-268M024-G/3D](#) [FCN-268M036-G/BD](#) [20021832-06016C1LF](#) [KX15-20KLDL-E1000E](#) [AXE810124](#) [FCN-214J100-G/0](#) [FCN-230C068-E/S](#) [AXE812124](#) [AXE816124](#) [AXE720127](#)