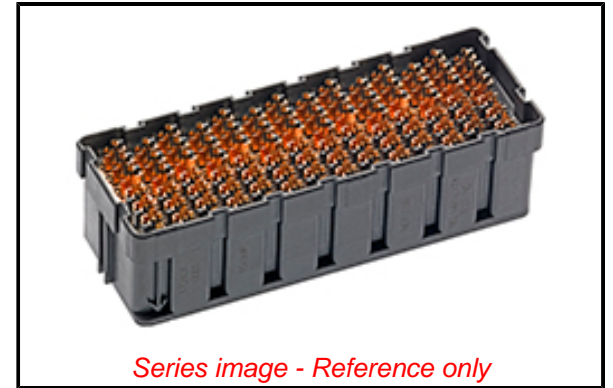


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1728010006](#)  
**Status:** **Active**  
**Overview:** [NeoPress Mezzanine System](#)  
**Description:** NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 6x10, 60 Triads (180 Circuits), 21.50mm Connector Height, 0.76µm Gold (Au) Plating

**Documents:**

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



**Application tooling part link**

Application Tooling Part Link	62203-1320
Application Tooling Part Link	62203-1330
Application Tooling Part Link	62203-1410

**General**

Product Family	PCB Headers
Series	<a href="#">172801</a>
Application	Board-to-Board, Signal
Electrical Model	No
Overview	<a href="#">NeoPress Mezzanine System</a>
Product Name	NeoPress
UPC	889056383103

**Physical**

Breakaway	No
Circuits (Loaded)	180
Circuits (maximum)	180
Color - Resin	Black
Durability (mating cycles max)	100
First Mate / Last Break	No
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	17.680/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
Surface Mount Compatible (SMC)	No

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172801](#) Series

**Mates With**

[1728320005](#) 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 #
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NeoPress Removal Tool for NeoPress	<a href="#">622031320</a>
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Plugs and	
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Receptacles	
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NeoPress Plug	<a href="#">622031330</a>
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Assembly Press-In	
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Tool for 6-Pair by 10	
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Column Assemblies	
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NeoPress Removal Tool for NeoPress	<a href="#">622031410</a>
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Temperature Range - Operating  
Termination Interface: Style

-55° to +85°C  
Through Hole - Compliant Pin

Plugs and  
Receptacles

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

1.0A  
30V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

AS-172801-0001-001  
PK-173358-0001-001  
PS-172801-0001-001  
1728010002-000

This document was generated on 10/27/2020

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