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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



Series image - Reference only

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

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	172801
Application	Board-to-Board, Signal
Electrical Model	No
Overview	NeoPress Mezzanine System
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	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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 #
NeoPress Removal Tool for NeoPress Plugs and Receptacles	622031320
NeoPress Plug Assembly Press-In Tool for 6-Pair by 10 Column Assemblies	622031330
NeoPress Removal Tool for NeoPress	622031410

Temperature Range - Operating	-55° to +85°C	Plugs and Receptacles
Termination Interface: Style	Through Hole - Compliant Pin	
Electrical		
Current - Maximum per Contact	1.0A	
Voltage - Maximum	30V AC (RMS)	
Material Info		
Reference - Drawing Numbers		
Application Specification	AS-172801-0001-001	
Packaging Specification	PK-173358-0001-001	
Product Specification	PS-172801-0001-001	
Sales Drawing	1728010002-000	

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