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Part Number:

1728010001

Status:

Active

Overview:

NeoPress Mezzanine System

Description:

NeoPress High-Speed Mezzanine Plug, 3.50mm Pitch, 6x14, 84 Triads (252 Circuits), 13.50mm Connector Height, 0.76µm Gold (Au) Plating

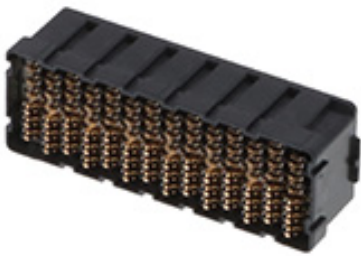
Documents:	
Drawing (PDF)	Application Specification AS-172801-0001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-173358-0001-001 (PDF)
3D Model	Datasheet (PDF)
Product Specification PS-172801-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179

Application tooling part link	
Application Tooling Part Link	62203-1300
Application Tooling Part Link	62203-1320
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	889056200554

Physical	
Breakaway	No
Circuits (Loaded)	252
Circuits (maximum)	252
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	18.344/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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

172801 Series

Mates With

1728320001 NeoPress 3.50mm Pitch PCB Receptacle

Robotic Placement	None
Shrouded	Yes
Stackable	Yes
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
Voltage - Maximum	30V AC (RMS)
Solder Process Data	
Lead-freeProcess 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	1728010002-000

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