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Part Number:

1728320005

Status:

Active

Overview:

NeoPress Mezzanine System

Description:

NeoPress High-Speed Mezzanine Receptacle, 3.50mm Pitch, 6x10, 60 Triads (180 Circuits), 18.50mm Connector Height, 0.76µm Gold (Au) Plating



Documents:	
3D Model	Application Specification AS-172801-0001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-173358-0001-001 (PDF)
3D Model (PDF)	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	62203-1320
Application Tooling Part Link	62203-1340
Application Tooling Part Link	62203-1410
General	
Product Family	PCB Receptacles
Series	172832
Application	Board-to-Board, Signal
Electrical Model	No
Overview	NeoPress Mezzanine System
Product Name	NeoPress
UPC	889056383110
Physical	
Circuits (Loaded)	180
Circuits (maximum)	180
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	21.655/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

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

172832 Series

Mates With

172801-0005 , 172801-0006 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)
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-172801-0001-001
Electrical Model Document	1728017005-000, 1728017006-000, 1733630026REV1-000
Packaging Specification	PK-173358-0001-001
Product Specification	PS-172801-0001-001
S-Parameter Model	1728017005-000, 1728017006-000, 1733630026REV1-000
Sales Drawing	1728320002-000

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