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Part Number: [0300700832](#)
Status: **Active**
Overview: Mini-Fit TPA2 Plugs and Receptacles
Description: 4.20mm Pitch, Mini-Fit TPA Header, Dual Row, Right Angle, with Snap-in PCB Plastic Peg Lock, 8 Circuits, Gold (Au) Plating, Natural
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=s&query=55695569> with <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=a&query=172708172708>

Documents:

3D Model	Product Specification PS-5556-003 (PDF)
Drawing (PDF)	Packaging Specification PK-30070-001-001 (PDF)
Product Specification PS-45750-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	30070
Application	Power, Wire-to-Board
Comments	Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit
Overview	Mini-Fit TPA2 Plugs and Receptacles
Product Name	Mini-Fit TPA
Replacement Part Number	5569 with 172708
UPC	884982406247

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
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	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Polyester
Net Weight	3.592/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	4.10mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[30070](#) Series

Mates With

[30067](#) Mini-Fit TPA Receptacle Housing

Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-30070-001-001
Product Specification	PS-45750-001-001, PS-5556-003
Sales Drawing	SD-30070-001-000

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