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Part Number: 0300701035
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, 10 Circuits, Tin (Sn) Plating, Natural



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-45750-001-001 (PDF)
- Product Specification PS-5556-003 (PDF)
- Packaging Specification PK-30070-001-001 (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
UPC	884982037885

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	Tin
Material - Plating Termination	Nickel
Material - Resin	Polyester
Net Weight	4.449/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
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No

EU ELV
Not Relevant

EU RoHS | **China 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

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-freeProcess 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