



Part Number : [300701035](#)

Series Number : 30070

Product Category : PCB Headers and Receptacles

Product 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

Status : Active

Documents & Resources

Drawings

[Drawing 300701035_sd.pdf](#)

3D Models and Design Files

[3D Model 300701035_stp.zip](#)

Specifications


[Packaging Specification PK-30070-001-001.pdf](#)

[Product Specification PS-5556-003-001.pdf](#)

[Product Specification PS-45750-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	30070
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
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
Component Type	PCB Header
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit TPA
UPC	884982037885

Agency

CSA	LR19980
UL	E29179

Electrical

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

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
Packaging Type	Bag
PC Tail Length	4.10mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	240

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit TPA Dual Row Receptacle Housings	<u>30067</u>

This document was generated on Sep 16, 2024