Part Number : 15978082
Product Description : 4.20mm Pitch, Mini-Fit TPA Header, Dual Row, Right-Angle, with PCB Mounting Flange, 8 Circuits, Tin (Sn) Plating
Series Number : 30070
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Part Number : 30070-08A3



Documents and Resources

Drawings

015978082_sd.pdf

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PK-30070-001-001.pdf

PS-45750-001-001.pdf

PS-5556-003-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 PCB Mounting Flange, 8 Circuits, Tin (Sn) Plating
Application	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 Name	Mini-Fit TPA
UPC	800754202930

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Gender	Male
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polybutylene Terephthalate (PBT)
Net Weight	3.907/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
PC Tail Length	4.10mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partially Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C

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Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit TPA Dual Row Receptacle Housings	30067

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