



**Part Number :** [15978127](#)  
**Product Description :** 4.20mm Pitch, Mini-Fit TPA Header, Dual Row, Right-Angle, with PCB Mounting Flange, 12 Circuits, Gold (Au) Plating  
**Series Number :** 30070  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles  
**Engineering Number :** 30070-12A1



## Documents & Resources

### Drawings


[015978127\\_sd.pdf](#)  
[PK-44483-001-001.pdf](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[PS-45750-001-001.pdf](#)  
[PS-5556-003-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### 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, 12 Circuits, Gold (Au) Plating
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 Name	Mini-Fit TPA
UPC	800754913577

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
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	Gold
Material - Resin	Polyester
Net Weight	5.478/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
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	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	260

---

**Mates With / Use With**

**Mates with Part(s)**

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