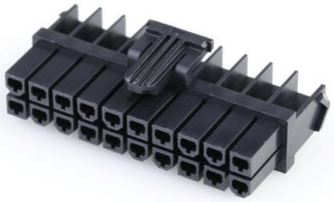
Part Number : 1727080120
Product Description : Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-2, Glow-Wire Capable, 20 Circuit
Series Number : 172708
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

1727080120_sd.pdf

1727080001-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-172718-0000-001.pdf

2029880001-PS-000.pdf

1727180003-TS-000.pdf

2029880001-TS-000.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	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)

Downloaded from Arrow.com.

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	Connector Housings
Series	172708
Description	Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-2, Glow-Wire Capable, 20 Circuit
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See product specification for current derating information.
Product Name	Mini-Fit TPA2
UPC	191128361484

Agency

UL	E29179

Physical

Circuits (maximum)	20

Downloaded from Arrow.com.

Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	3.843/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	172762
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	172767
Mini-Fit Jr. Plug Housings	5559
Mini-Fit Vertical Dual Row Headers	172447
Mini-Fit Jr. Right-Angle Dual Row Headers	172448
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	35317
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	35318
Mini-Fit Jr. Vertical Dual Row Headers	43460

Downloaded from Arrow.com.

Mini-Fit Jr. Right-Angle Dual Row Headers	44130
Mini-Fit Jr. Vertical, Dual Row, Reflow Solder Capable Headers	46207
Mini-Fit Jr. Right-Angle Dual Row Reflow Solder Capable Headers	46991
Mini-Fit Jr. Vertical Headers	5566
Mini-Fit Jr. Right-Angle Headers	5569
Mini-Fit Jr. Dual Row Headers	87427
Mini-Fit Jr. Dual Row Test Plugs	44281

Use with Part(s)

Description	Part Number
Mini-Fit TPA2 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-2, Glow-Wire Capable, 10 Circuits, White	1727090110
Mini-Fit TPA2/Sigma Female Crimp Terminals	172718
Mini-Fit TPA2/Sigma Female Crimp Terminals	202988
Pre-Crimped Lead Mini-Fit Sigma/ TPA2 Female-to-Mini-Fit Sigma/ TPA2 Female	219670
Pre-Crimped Lead Mini-Fit Sigma/ TPA2 Female-to-Pigtail	219671
Mini-Fit TPA2/Sigma Female Low Mating Force Crimp Terminals	221442
Mini-Fit TPA2 Connector Position Assurance (CPA) Retainers	203603

Downloaded from Arrow.com.