Part Number : 444751411
Product Description : Mini-Fit HCS Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Pegs, 14 Circuits
Series Number : 44475
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

444751411_sd.pdf

PK-42385-999-001.pdf

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-44476-001-001.pdf

423850000-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	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 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	44475
Description	Mini-Fit HCS Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Pegs, 14 Circuits
Application	Board-to-Board, Power, Wire-to-Board
Comments	Solder Type, With Pegs
Component Type	PCB Receptacle
Product Name	Mini-Fit HCS
UPC	800754899727

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	600V

Physical

Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.932/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
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 BMI Right-Angle Dual Row Headers	42404
Mini-Fit BMI Dual Row Plug Housings	42475
Mini-Fit BMI Right-Angle Dual Row Headers	43810
Mini-Fit BMI Vertical Dual Row Headers	44068
Mini-Fit HCS Vertical Headers	44474