Part Number : 547220164
Product Description : 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm Stacking Height, Lower Circuit Size Version, 16 Circuits, Gold (Au) Plating with Nickel (Ni) Barrier Plating Between Contact and Tail
Series Number : 54722
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

547220164_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

547220164.dxf

Specifications

547220000-A00.pdf

SPK-54722-001-001.pdf

PS-54722-010-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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)7771-

Downloaded from Arrow.com.

	DC (04 Feb 2026)
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	Board-to-Board Connectors
Series	0.5, BB H1.5
Description	0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm Stacking Height, Lower Circuit Size Version, 16 Circuits, Gold (Au) Plating with Nickel (Ni) Barrier Plating Between Contact and Tail
Application	Board-to-Board, Signal
Comments	Embossed Tape Reel Height: 380.00mm; Gold plating with Nickel plating between contact and tail
Component Type	Receptacle
Product Name	SlimStack
UPC	756054574317

Downloaded from Arrow.com.

Agency

UL	E29179

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Physical

Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	No
Mated Height	1.50mm
Mated Width	6.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	59.641/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	0.50mm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Downloaded from Arrow.com.

Description	Part Number
0.50mm Pitch Vertical SlimStack Plugs	55560

Downloaded from Arrow.com.