



Part Number : [2300302000](#)

Product Description : MiniCirc Socket Connector,
Vertical, Gold (Au) Plating, 2 Circuits, Red

Series Number : 230030

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2300302000_sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[2300300000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2025)7771- DC (04 Feb 2026)
EU RoHS	Not Reviewed 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	230030
Description	MiniCirc Socket Connector, Vertical, Gold (Au) Plating, 2 Circuits, Red
Application	Wire-to-Board
Component Type	PCB Receptacle
Product Name	MiniCirc
UPC	198930705567

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	60V DC

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Red
Durability (mating cycles max)	200
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes

Locking Type	Snap Lock
Material - Metal	High Performance Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide (PA)
Number of Rows	0
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	No
Pitch - Mating Interface	N/A
Pitch - Termination Interface	N/A
Plating min - Mating	0.250µm
Plating min - Termination	0.025µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
MiniCirc Female-to-Female Wiring Harnesses	<u>230031</u>
MiniCirc Female-to-Male Wiring Harnesses	<u>230032</u>

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