



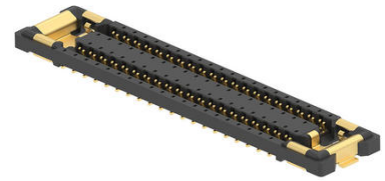
Part Number : [2277940803](#)

Product Description : Quad-Row Board-to-Board Receptacle, 0.175mm Pitch, 0.60mm Mated Height, 2.00mm Mated Width, 80 Circuits, 2 Reels/Carton

Series Number : 227794

Status : Active

Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

[2277940803_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[2277940803.dxf](#)

Specifications

[2277949200-SPK-201.pdf](#)

[2277940000-AS-000.pdf](#)

[2277940000-PS-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)7771-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	227794
Description	Quad-Row Board-to-Board Receptacle, 0.175mm Pitch, 0.60mm Mated Height, 2.00mm Mated Width, 80 Circuits, 2 Reels/ Carton
Application	Board-to-Board
Component Type	Receptacle
Product Name	Quad-Row
UPC	198282821335

Electrical

Current - Maximum per Contact	0.3A, 4.0A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80

Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.60mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	16.439/mg
Number of Rows	4
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	0.175mm
Pitch - Termination Interface	0.35mm
Plating min - Mating	0.100µm
Plating min - Termination	0.050µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Quad-Row Board-to-Board Plugs	<u>227792</u>

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