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Part Number: [501083-5010](#)
Status: **Active**
Overview: Micro Miniature IDT Connectors
Description: 0.40mm Pitch Wire-to-Board PCB Receptacle, Vertical, 50 Circuits

Documents:

[3D Model](#) [Product Specification PS-501083-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	501083
Application	Signal, Wire-to-Board
Overview	<u>Micro Miniature IDT Connectors</u>
Product Name	N/A
UPC	822350647373

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	206.501/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-30°C to +75°C
Termination Interface: Style	Surface Mount

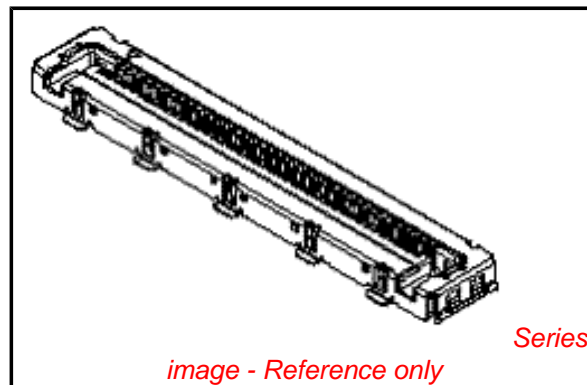
Electrical

Current - Maximum per Contact	0.2A
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-501083-001
Sales Drawing	SD-501083-001, SD-501083-002



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

501083Series

Mates With

Contact Molex for mating plug harness details