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**Part Number:** [501044-4010](#)  
**Status:** **Active**  
**Overview:** Micro Miniature IDT Connectors  
**Description:** 0.40mm Pitch Wire-to-Board PCB Receptacle, Right Angle, 40 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-501044-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Receptacles
Series	501044
Application	Signal, Wire-to-Board
Overview	<u>Micro Miniature IDT Connectors</u>
Product Name	N/A
UPC	822348302949

**Physical**

Circuits (Loaded)	40
Circuits (maximum)	40
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	137.010/mg
Number of Rows	1
Orientation	Right Angle
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

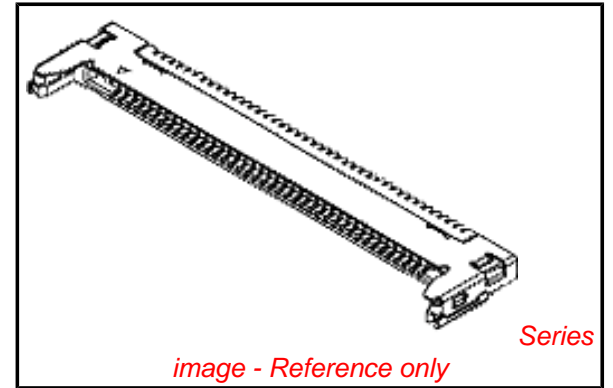
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-501044-001, RPS-501044-001, RPS-501044-002, RPS-501044-003, RPS-501044-007
Sales Drawing	SD-501044-001, SD-501044-002



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

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 non-product compliance questions.

**Search Parts in this Series**

501044Series

**Mates With**

Contact Molex for mating plug harness  
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