

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [500047-0300](#)
Status: **Active**
Description: 1.50mm Pitch EZ-Conn™ IDT Plug for 27-28 AWG, 0.70mm Outer Diameter Wire, 3 Circuits

Documents:

[3D Model](#) [Product Specification PS-51390-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family IDT and Solder Connectors
 Series [500047](#)
 Crimp Quality Equipment Yes
 Product Name EZ-Conn™

Physical

Circuits (Loaded) 3
 Color - Resin Black, Clear, White
 Durability (mating cycles max) 50
 Gender Male
 Glow-Wire Compliant No
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin-Lead
 Material - Resin Nylon, Polycarbonate, Polyester
 Number of Rows 1
 Packaging Type Tray
 Pitch - Mating Interface 1.50mm
 Plating min - Mating 0.305µm
 Plating min - Termination 1.016µm
 Polarized to Mating Part Yes
 Temperature Range - Operating -20°C to +85°C
 Termination Interface: Style IDT or Pierce
 Wire Size AWG 27, 28

Electrical

Current - Maximum per Contact 1.5A
 Voltage - Maximum 32V

Material Info

Reference - Drawing Numbers

Product Specification PS-51390-004
 Sales Drawing SD-500047-002

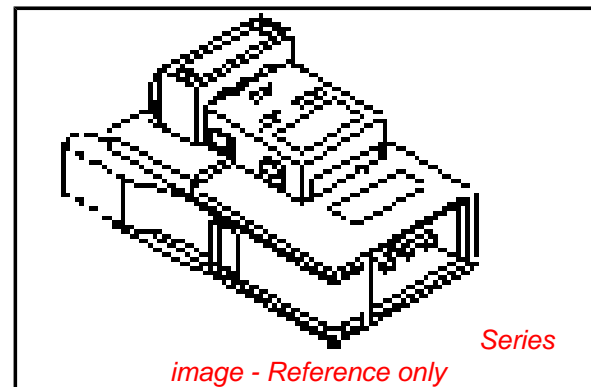


image - Reference only

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

500047Series

Mates With

513900311 , 5000511200 , 500052400

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[500047-0300](#)