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**Part Number:** [0850500103](#)  
**Status:** **Contact Molex**  
**Overview:** [din\\_41612](#)  
**Description:** 2.54mm (.100") Pitch DIN 41612/IEC 603-2 Connector, Female Style Q, 64 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Backplane Connectors  
 Series [85050](#)  
 Application Backplane  
 Component Type PCB Receptacle  
 Overview [din\\_41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style Q

**Physical**

Circuits (Loaded) 64  
 Circuits (maximum) 64  
 Durability (mating cycles max) 500  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Number of Columns 32  
 Number of Pairs Open Pin Field  
 Number of Rows 2  
 Orientation Right Angle  
 PC Tail Length 2.80mm (.110")  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm (.063"), 3.20mm (.126")  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm (.100")  
 Pitch - Termination Interface 2.54mm (.100")  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55°C to +125°C

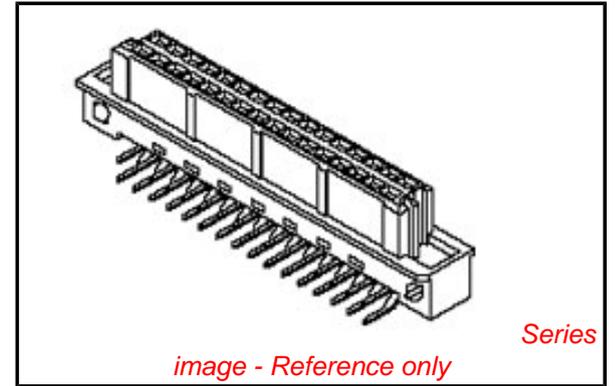
**Electrical**

Current - Maximum per Contact 1.5A  
 Data Rate 622.0 Mbps  
 Real Signals (per 25mm) 20  
 Shielded No  
 Voltage - Maximum 250V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SDA-85050-0001, SDA-85052-0103



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Contains SVHC: No**  
**Low-Halogen Status  
 Not Reviewed**

**China RoHS**



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 environmental compliance?**

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 Compliance, [click here](#)

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

**Search Parts in this Series**

[85050Series](#)

**Mates With**

DIN 41612 Header [85011](#)

This document was generated on 05/09/2011

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