

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0850500000](#)  
**Status:** **Active**  
**Overview:** [DIN 41612](#)  
**Description:** 2.54mm Pitch DIN 41612 Receptacle, Style Q/2 Reverse, 32 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/2  
 UPC 800753857728

**Physical**

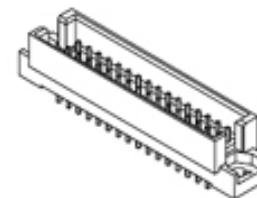
Circuits (Loaded) 32  
 Circuits (maximum) 32  
 Durability (mating cycles max) 500  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Material - Plating Mating Gold  
 Net Weight 5.455/g  
 Number of Columns 16  
 Number of Pairs Open Pin Field  
 Number of Rows 2  
 Orientation Right Angle  
 PC Tail Length 2.80mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm, 3.20mm  
 Packaging Type Bag  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 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)

**Solder Process Data**

Lead-free Process Capability N/A



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[85050](#) Series

**Mates With**

DIN 41612/EIC 603-2 Mixed Layout  
 Connector [85009](#) , [85017](#)

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing

SDA-85050-0000, SDA-85050-0002

This document was generated on 08/28/2017

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