

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

**Part Number:** [0850090854](#)  
**Status:** **Active**  
**Overview:** DIN 41612  
**Description:** 2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Male Style M, Right-Angle, Through Hole, 1µm Selective Gold (Au), 48 Circuits

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Backplane Connectors  
 Series [85009](#)  
 Application Backplane  
 Comments Mixed Layout, Mixed Layout  
 Component Type PCB Header  
 Overview [DIN 41612](#)  
 Product Name IEC 603-2/DIN 41612  
 Style M  
 UPC 756054690567

**Physical**

Circuits (Loaded) 48  
 Circuits (maximum) 48  
 Circuits Detail 42 + 6  
 Durability (mating cycles max) 500  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part No  
 Keying to Mating Part Yes  
 Material - Plating Mating Gold  
 Net Weight 10.813/g  
 Number of Columns 14  
 Number of Pairs Open Pin Field  
 Number of Rows 3  
 Orientation Right Angle  
 PC Tail Length 3.00mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 2.54mm  
 Pitch - Termination Interface 2.54mm  
 Temperature Range - Operating -55° to +125°C

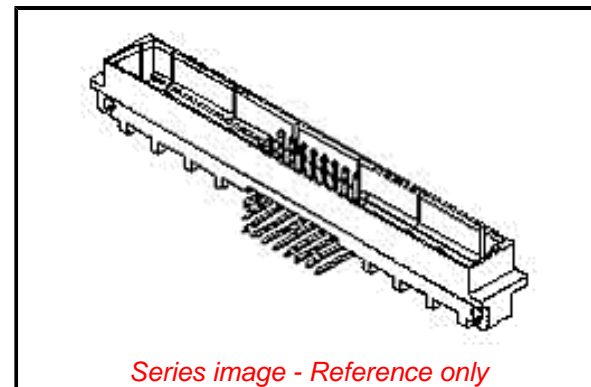
**Electrical**

Current - Maximum per Contact 1.5A  
 Data Rate 622.0 Mbps  
 Voltage - Maximum 250V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SDA-85009-0854



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[85009 Series](#)

**Mates With**

DIN 41612/IEC 603-2 Mixed Layout  
 Connector [85048](#) , [85056](#)

**Use With**

[85023](#) DIN 41612 Coaxial Contact

This document was generated on 09/17/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [DIN 41612 Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[004.767](#) [608489050008049](#) [691327-1](#) [74670-0732](#) [74680-0340](#) [75880-0015](#) [76453-0014](#) [86093159ALF](#) [9732967801](#) [QLC260R](#)  
[120X10019X](#) [120X10089X](#) [122A10249X](#) [122A10669X](#) [122A11089X](#) [122A13089X](#) [122A10089X](#) [122A10129X](#) [122A10349X](#)  
[122A13359X](#) [1377391-4](#) [DIN-048CPC-SR1-MH](#) [1393583-2](#) [1393726-7](#) [140X10129X](#) [143-1913-000](#) [143-1908-000](#) [1484472-1](#) [2110070-1](#)  
[2110070-2](#) [CBC20T00-008FDS5-0-1-002VR](#) [172699-5036](#) [2-1393557-4](#) [2-1437084-2](#) [CTJ720E01B-6141](#) [394506](#) [419-2080-402](#)  
[V42254B2202C968](#) [419-2086-201](#) [419-2087-002](#) [448657-1](#) [448847-3](#) [5-1393755-9](#) [02990000004](#) [054302](#) [043556](#) [09062483201750](#)  
[0850033067](#) [09031646555](#) [09061486901840](#)