

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850090854

Status:

Active

Overview:

Description:

2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Male Style M, Right Angle, Through Hole, 1µm (40µ") Selective Gold (Au), 48 Circuits

Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

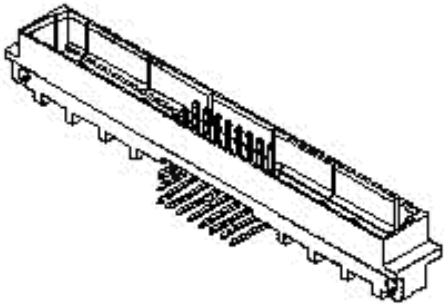
General	
Product Family	Backplane Connectors
Series	85009
Application	Backplane
Comments	Mixed Layout
Component Type	PCB Header
Overview	IEC 603-2 / DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	M

Physical	
Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	42 + 6
Durability (mating cycles max)	500
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Number of Columns	14
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Right Angle
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Temperature Range - Operating	-55°C to +125°C

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

Material Info

Reference - Drawing Numbers	
Sales Drawing	SDA-85009-0854



Series image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

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

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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION