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Part Number: [0850170359](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M(Hybrid type), Inverse Press-Fit, 1µm Gold (Au) Selective, 48 Circuits, Lead-Free

Documents:

3D Model	Product Specification PS-85013-0002 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

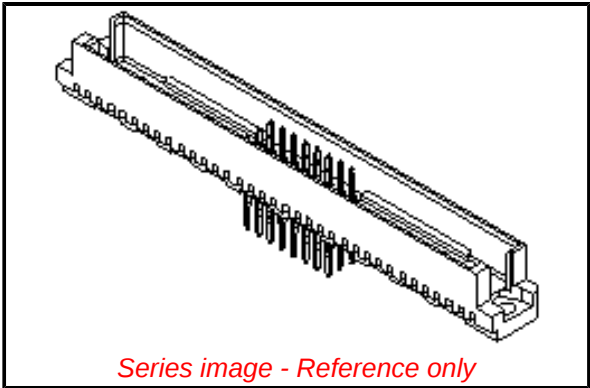
General

Product Family	Backplane Connectors
Series	85017
Application	Backplane
Comments	Mixed Layout, Mixed Layout
Component Type	PCB Header
Overview	DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	M
UPC	800753856349

Physical

Circuits (Loaded)	48
Circuits (maximum)	48
Circuits Detail	42 SignAl , 6 Power
Color - Resin	Gray
Durability (mating cycles max)	500
First Mate / Last Break	No
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Resin	Polyester
Net Weight	9.580/g
Number of Columns	16
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length	5.80mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to PCB	No
Stackable	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

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

[85017](#) Series

Mates With

[85048](#) Straight Female Style M Receptacle.
[85056](#) Straight Female Style M "inverse"
Receptacle

Use With

[85023](#) DIN 41612 Coaxial Contact

Current - Maximum per Contact	1.5A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-85013-0002
Sales Drawing	603-6093-24, SD-85017-004

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