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Part Number: 0850039009

Status: Active

Overview: DIN 41612

Description: 2.54mm Pitch DIN 41612 C/2 Style Male Header, Right-Angle, Through Hole, 0.60µm Selective Gold (Au) Plating, 64 Circuits, with Mounting Clips, No Flux Proof, Lead-Free, High Temperature version

Documents:

Drawing (PDF)

[RoHS Certificate of Compliance \(PDF\)](#)

[Packaging Specification PK-85003-001 \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

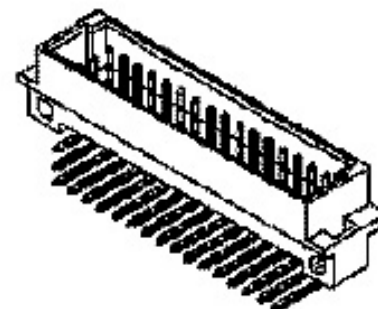
Product Family	Backplane Connectors
Series	<u>85003</u>
Application	Backplane
Comments	With Mounting Clips. No Flux Proof. 5.40mm First-Mate-Last-Break Contacts. 4.80mm Normal Contacts, With Mounting Clips. No Flux Proof. 5.40mm First-Mate-Last-Break Contacts. 4.80mm Normal Contacts

Component Type	PCB Header
Overview	<u>DIN 41612</u>
Product Name	IEC 603-2/DIN 41612
Style	C
UPC	800756540658

Physical

Circuits (Loaded)	64
Circuits (maximum)	96
Circuits Detail	Standard Contacts at: A:a2-a31; C:c2-c31. First-Mate-

Color - Resin	Natural
Durability (mating cycles max)	400
First Mate / Last Break	Yes
Flammability	94V-0
Guide to Mating Part	No
Keying to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.630/g
Number of Columns	16
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Right Angle
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.610µm



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

85003 Series

Plating min - Termination	2.540μm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	1.0A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-85003-001
Sales Drawing	SD-85003-9009

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