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Part Number: 0850039018
Status: Active
Overview: DIN 41612
Description: 2.54mm Pitch DIN 41612 C Style Male Header, Right-Angle, Through Hole, 0.60µm Selective Gold (Au) Plating, 96 Circuits, with Mounting Clips, No Flux Proof, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-85003-001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

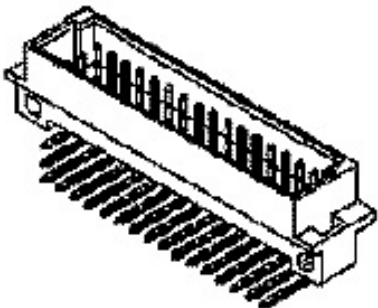
Product Family Backplane Connectors
Series 85003
Application Backplane
Comments With Mounting Clips. No Flux Proof. 4.20mm Last-Mate-First-Break Contacts. . 4.80mm Normal Contacts, With Mounting Clips. No Flux Proof. 4.20mm Last-Mate-First-Break Contacts. . 4.80mm Normal Contacts

Component Type PCB Header
Overview DIN 41612
Product Name IEC 603-2/DIN 41612
Style C
UPC 756054153871

Physical

Circuits (Loaded) 96
Circuits (maximum) 96
Circuits Detail Standard Contacts at: A:a1-a10,a12-a15,a17,a19-a22,a24-a32; B:b1,b3-b5,b7-b15,b17,b19-b22,b24-b26,b28-b30,b32; C:c1-c10,c12-c15,c19-c32. Last-Mate-First-Break Contacts at: X:a11,16,18,23; Y:b2,b6,b16,b18,b23,b27,b31; Z:c11,c16,c17,c18

Color - Resin Gray
Durability (mating cycles max) 400
First Mate / Last Break No
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 Polyester
Net Weight 13.565/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Pitch - Termination Interface	2.54mm
Plating min - Mating	0.610μm
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)
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-85003-001
Sales Drawing	SD-85003-9018

This document was generated on 09/17/2019

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