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Part Number: **0850037093**
Status: **Active**
Overview: DIN 41612
Description: 2.54mm Pitch DIN 41612 C/2 Style Male Header, Right-Angle, Through Hole, 0.80µm Selective Gold (Au) Plating, 48 Circuits, with Mounting Clips, No Flux Proof, Lead-Free, High Temperature version

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85003-0001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

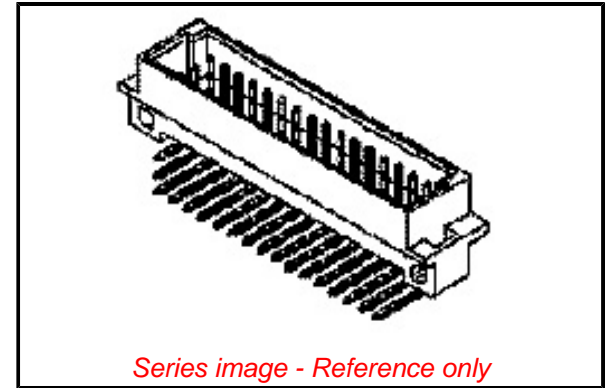
General

Product Family Backplane Connectors
 Series 85003
 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 [DIN 41612](#)
 Product Name IEC 603-2/DIN 41612
 Style C/2
 UPC 800756161235

Physical

Circuits (Loaded) 48
 Circuits (maximum) 48
 Circuits Detail Standard Contacts at: A:a2-a15; B:b1-b16, C:c2-c15 . First-Mate-Last-Break Contacts at: X:c1,c16; Y:b1,b16; Z:a1,a16
 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 7.822/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



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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[85003 Series](#)

Plating min - Mating	0.813µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	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**

Product Specification	PS-85003-0001-001
Sales Drawing	SD-85003-0002, SD-85003-7093

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