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Part Number: [0850032799](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, Style C, Right Angle, Through Hole, 0.25µm (10µ") Selective Gold (Au), 96 Circuits, Fixing Clip Available, Lead free

Documents:
[3D Model](#) [Product Specification PS-85003-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

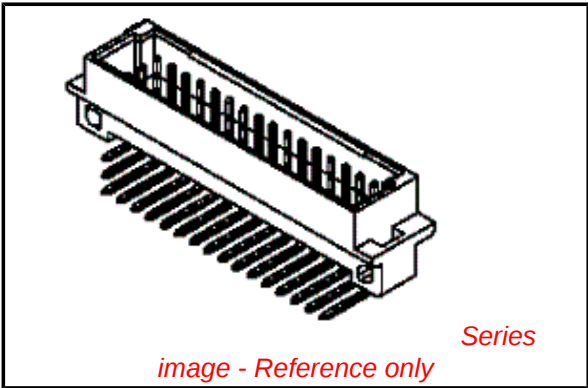
Product Family Backplane Connectors
Series [85003](#)
Application Daughtercard
Component Type PCB Header
Overview [din_41612](#)
Product Name IEC 603-2/DIN 41612
Style C

Physical

Circuits (Loaded) 96
Circuits (maximum) 96
Durability (mating cycles max) 50
First Mate / Last Break Yes
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Number of Columns 16
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 Yes
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
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1A
Data Rate 622.0 Mbps
Voltage - Maximum 250V AC (RMS)



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
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series
[85003Series](#)

Mates With
[85042](#) DIN 41612 Receptacle. [85052](#) DIN 41612 Header

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85003-001
Product Specification	PS-85003-0001
Sales Drawing	SD-85003-2799

This document was generated on 05/17/2010

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S = 96 TOTAL NUMBER OF CONTACTS

MARKING	STANDARD
PERFORMANCE LEVEL	63/0 = CONTACT AREA LEVEL3 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	YES
DIMENSIONS	SD-85003-0001 SHT 1

C	G3/O	c1-32
B	G3/O	b1-32
A	G3/O	a1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

EC NO. 1 2004-XXXX DRAWING NO. 09/09/03 CHG. CL. 09/09/03 APPR. CL. 09/09/03	QUALITY SYMBOLS MAJOR = CRITICAL =	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	☐ mm ☐ INCH	☐ mm ☐ INCH	☐ mm ONLY ☐ INCH ONLY	REVISE ON CALL ONLY
		☐ mm ☐ INCH	DRAWN BY & DATE	TITLE					
		4 PLACES ±0. ± 3 PLACES ±0. ± 2 PLACES ±0. ± 1 PLACE ±0. ±	S.S. 09/09/1999 CHECKED BY & DATE G.L. 09/09/1999 APPROVED BY & DATE G.L. 09/09/1999	96 POS MOLEX CONNECTOR ACCORDING DIN 41612 STYLE C CONTACTS ARRANGEMENT					
		ANGULARS ± °	C.D. FILENAME SD-85003-2799.SCD MATERIAL NO. 85003-2799 DRAWING NO. SD-85003-2799	MOLEX INCORPORATED					
C	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.					SHEET NO. 1 OF 1 SIZE D