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Part Number: [0850032763](#)
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), 64 Circuits, 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

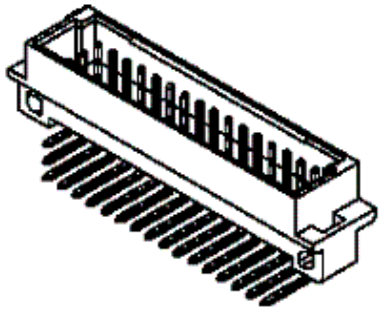
Product Family	Backplane Connectors
Series	85003
Application	Daughtercard
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	C

Physical

Circuits (Loaded)	64
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	2.5A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)



Series
image - Reference only

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-85003-2763

This document was generated on 05/17/2010

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A = 32 STANDARD CONTACTS	L = 3
C = 32 STANDARD CONTACTS	L = 3
S = 64	TOTAL NUMBER OF CONTACTS

MARKING	STANDARD
PERFORMANCE LEVEL	G3/0 = CONTACT AREA LEVEL3 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85003-000 SHT 1

C	G3/0	c1-32
A	G3/0	a1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

C		REV	DESCRIPTION	QUALITY SYMBOLS MAJOR CRITICAL MINOR	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	DIMENSIONS:  mm  INCH  mm ONLY			SHT	REV															
					<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± 0.1</td><td>$\pm .005$</td></tr><tr><td>3 PLACES</td><td>± 0.1</td><td>$\pm .005$</td></tr><tr><td>2 PLACES</td><td>± 0.1</td><td>$\pm .005$</td></tr><tr><td>1 PLACE</td><td>± 0.1</td><td>$\pm .005$</td></tr></table>			mm		INCH	4 PLACES	± 0.1	$\pm .005$	3 PLACES	± 0.1	$\pm .005$	2 PLACES	± 0.1	$\pm .005$	1 PLACE	± 0.1	$\pm .005$	DRAWN BY & DATE S.S. 14/09/1999		TITLE: 64 POS MALE CONNECTOR ACCORDING DIN 41612 STYLE C CONTACTS ARRANGEMENT				
						mm	INCH																						
					4 PLACES	± 0.1	$\pm .005$																						
					3 PLACES	± 0.1	$\pm .005$																						
2 PLACES	± 0.1	$\pm .005$																											
1 PLACE	± 0.1	$\pm .005$																											
		CHECKED BY & DATE G.L. 14/09/1999																											
		APPROVED BY & DATE G.L. 14/09/1999		 MOLEX INCORPORATED																									
EC. NO. 1, 2004-XXXX					ANGULAR $\pm$		CAD FILENAME	MATERIAL NO.	DRAWING NO.	SHEET NO.																			
DWG. NO. 09/09/03							SD-85003-2763.50	85003-2763	SD-85003-2763	1 OF 1																			
CHRG. G.L. 09/09/03					DRAFT HERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE																
APPR. G.L. 09/09/03																													