

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850030634

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 Header, Style C, 32 Circuits, Lead free

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

Agency Certification

CSA	LR19980
UL	E29179

General

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

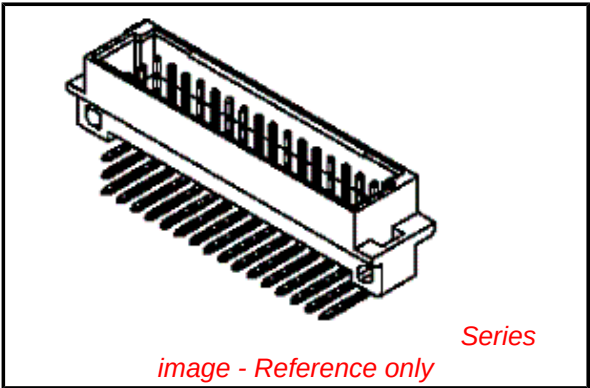
Physical

Circuits (Loaded)	32
Circuits (maximum)	96
Durability (mating cycles max)	500
First Mate / Last Break	No
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
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)

Material Info



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 , 85052 Backplane Header

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-85003-001
SD-85003-0634

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A =	16 STANDARD CONTACTS	L = 3
C =	16 STANDARD CONTACTS	L = 3
S =	32 TOTAL NUMBER OF CONTACTS	

MARKING	STANDARD
PERFORMANCE LEVEL	G1/O = CONTACT AREA LEVEL I / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85003-0001 SHT 1

C	G1/O	c2,4,6....32
A	G1/O	a2,4,6....32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

EC no.1 2004-XXXX DRAWN N.S. 09/09/03 CHECKED C.S. 09/09/03 APPROV. C.S. 09/09/03	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE		DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS:			SHIT	REV			
					mm INCH		mm INCH mm ONLY	ON CAD ONLY						
			mm	INCH	DRAWN BY & DATE S.S. 10/09/1999			TITLE: 96 POS MOLE CONNECTOR						
			4 PLACES ± 0.1	$\pm .$	CHECKED BY & DATE G.L. 10/09/1999			ACCORDING DIN 41612 STYLE C						
			2 PLACES ± 0.1	$\pm .$	APPROVED BY & DATE G.L. 10/09/1999			CONTACTS ARRANGEMENT						
			1 PLACE ± 0.1	$\pm .$	MOLEX			MOLEX INCORPORATED						
			ANGULAR $\pm$		CAD FILENAME		MATERIAL NO.		DRAWING NO.		SHEET NO.			
					SD-85003-0634.S01		85003-0634		SD-85003-0634		1 OF 1			
			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.							SIZE
			C	REV	DESCRIPTION									