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Part Number:

0850033172

Status:

Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 C Style Male Header, Right Angle, Through Hole, 0.30µm (12µ") Selective Gold (Au) Plating, 64 Circuits, without Mounting Clips, No Flux Proof

Documents:

Drawing (PDF)

Product Specification PS-85003-0001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		Backplane Connectors
Series		85003
Application		Backplane
Comments		No Mounting Clips. No Flux Proof
Component Type		PCB Header
Overview		din_41612
Product Name		IEC 603-2/DIN 41612
Style		C
Physical		
Circuits (Loaded)		64
Circuits (maximum)		64
Circuits Detail		Standard Contacts at: A:a1-a32; B:b1-b32
Color - Resin		Gray
Durability (mating cycles max)		50
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
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		Carton
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
Plating min: Mating (µin)		12
Plating min: Mating (µm)		0.30

EU RoHS

Compliance Status

Not Reviewed

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

Plating min: Termination (μin)	98
Plating min: Termination (μm)	2.5
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)
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-85003-0001
Sales Drawing	SD-85003-3172

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

MARKING	STANDARD
PERFORMANCE LEVEL	G3/0 = CONTACT AREA LEVEL 3 / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85003-0001 SHT 1

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

REV			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS: mm INCH mm ONLY	SHIT ON CAD ONLY	REV
C		EC No 1 2004-XXXX DIRIG N.S. 09/09/03 CHRG N.S. 09/09/03 APPR G.L. 09/09/03	MAJOR ▲		mm INCH	DRAWN BY & DATE N.S. 17/09/01			TITLE 64 POS MALE CONNECTOR ACCORDING DIN 4162 STYLE C CONTACTS ARRANGEMENT		
		CRITICAL ▼	4 PLACES ± 0.1 $\pm$	CHECKED BY & DATE G.L. 17/09/01							
		2 PLACES ± 0.1 $\pm$	APPROVED BY & DATE G.L. 17/09/01								
		1 PLACE ± 0.1 $\pm$	 MOLEX INCORPORATED								
		ANGULAR $\pm$	CAD FILENAME SD-85003-3172.50	MATERIAL NO. 85003-3172	DRAWING NO. SD-85003-3172	SHEET NO. 1 OF 1					
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