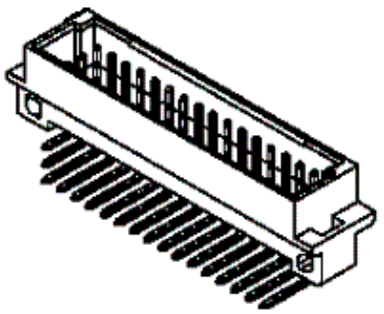
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Part Number: 0850030359
Status: Active
Overview: din_41612
Description: 2.54mm (.100") Pitch DIN 41612 Header, Style C, 96 Circuits, Lead free



Series image - Reference only

Documents:

3D Model
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
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)	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	Vertical
PC Tail Length (in)	0.157 In
PC Tail Length (mm)	4.00 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	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	10

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

Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info

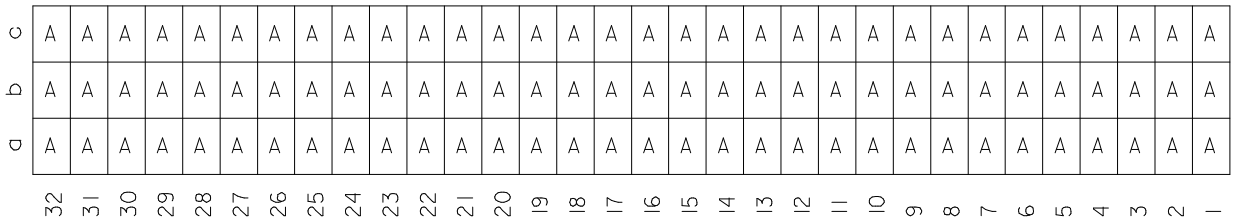
Reference - Drawing Numbers

Packaging Specification	PK-85003-001
Product Specification	PS-85003-0001
Sales Drawing	SD-85003-0359

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VIEW ON MATING SIDE



A = 96 STANDARD CONTACTS STRAIGHT L = 4

MARKING	STANDARD
PERFORMANCE LEVEL	GI/O = CONTACT AREA LEVEL I / TERMINATION TIN
FLUX PROOF	NO
FIXING CLIP	NO
DIMENSIONS	SD-85003-0001 SHT 3

A	GI/O	a1-32, b1-32, c1-32
CONTACT SYMBOL	PERFORMANCE LEVEL	CONTACT POSITION NUMBER

ENTER DESCRIPTION
EC NO: I2008-0570 2008/04/03
DRWN:SJ 2008/04/04
CH'KD:KPRASAD 2008/04/22
APPR:KPRASAD
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: SS DATE: 2000/06/01
CHECKED BY: GL DATE: 2000/06/01
APPROVED BY: GL DATE: 2000/06/01

TITLE: 96 POS. MALE CONNECTOR ACC. DIN 41612 STYLE C CONTACTS ARR. (S

MOLEX INCORPORATED

MATERIAL NO.: 850030359
DOCUMENT NO.: SD-85003-0359
SHEET NO.: 1 OF 1
SIZE: A4

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