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Part Number: [0850150335](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Press-fit Style R, 1µm (40µ") Gold (Au), 128 Circuit

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85013-0002 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85015](#)
 Application Backplane
 Comments "R" at Style Represents Vertical Male DIN Connectors
 Component Type PCB Header
 Overview [din_41612](#)
 Product Name IEC 603-2/DIN 41612
 Style R

Physical

Circuits (Loaded) 128
 Circuits (maximum) 128
 Circuits Detail Rows A, B, C & D
 Color - Resin Gray
 Durability (mating cycles max) 400
 First Mate / Last Break Yes
 Flammability 94V-0
 Guide to Mating Part No
 Keying to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Number of Columns 32
 Number of Pairs Open Pin Field
 Number of Rows 4
 Orientation Vertical
 PC Tail Length (in) 0.787 In
 PC Tail Length (mm) 2.00 mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness Recommended (in) 0.063 In, 0.157 In
 PCB Thickness Recommended (mm) 1.60 mm, 4.00 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
 Polarized to PCB Yes
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -55°C to +125°C

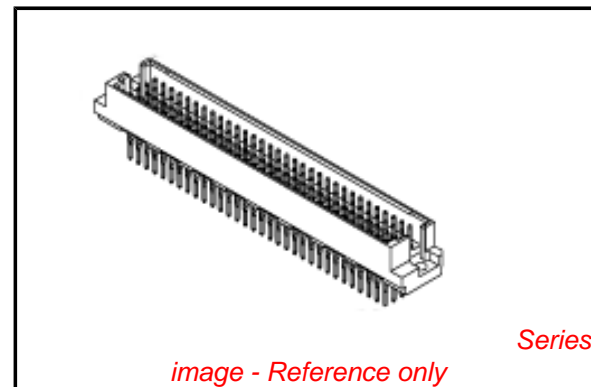


image - Reference only

EU RoHS **China RoHS**

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

[85015Series](#)

Mates With

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

Use With

[85089-1081](#) Press-in Tool

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A

Data Rate

622.0 Mbps

Voltage - Maximum

250V AC (RMS)

Material Info

Reference - Drawing Numbers

Product Specification

PS-85013-0002

Sales Drawing

SDA-85015-0335

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View on mating side

Z	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Z
Z	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Z
Z	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Z
Z	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Z

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

A = 120 standard contacts L=2
 Z = 8 FMLB contacts +0.6 L=2
 S = 128 total number of contacts

Marking	Standard
Performance level	G1/0 = Contact area perform.level1 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85015-0001
Technical Data	PS-85013-0002

Z	G1/0	a1,32	b1,32	c1,32	d1,32
A	G1/0	a2-31	b2-31	c2-31	d2-31
Contact symbol	Perform. level	Contact position number			

ECN No. MG1999-0177 first release	REVISIONS		FOR PREVIOUS REVISIONS SEE MRI LIST	
	LTR			
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2° INCH METRIC		DRWG BY Cc	SIGN	
3 PLACE ± .		CHK'D BY Er	SIGN	
2 PLACE ± .		APP'D BY FB	SIGN	
1 PLACE ± .		SCALE		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DESIGN DIMENSION	<input type="checkbox"/> MM	<input type="checkbox"/> IN.
		EQUIVALENT DIMENSION	<input type="checkbox"/> MM	<input type="checkbox"/> IN.
IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY				
REVISE ONLY ON CAD SYSTEM		SH. REV.		
CAD/CAM PROJECT NAME		THIS DRAWING CONTAINS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
TITLE		128 pos. Male connector acc. DIN 41612 style R contacts arrangement		
PART NO.		MOLEX EUROPE		SHEET NO. DATE 1 OF 1 99/01/14
DWG NO.		85015-0335		SIZE SDA-85015-0335 A