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Part Number: [0850150024](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, 4-Row C-Pin, Press-Fit Style R Reverse, 0.6µm (24µ") Selective Gold (Au), 128 Circuits, Lead free

Documents:

[3D Model](#) [Product Specification PS-85013-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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 No
 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
 Material - Resin Polyester
 Number of Columns 32
 Number of Pairs Open Pin Field
 Number of Rows 4
 Orientation Vertical
 PC Tail Length (in) 0.520 In
 PC Tail Length (mm) 13.20 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

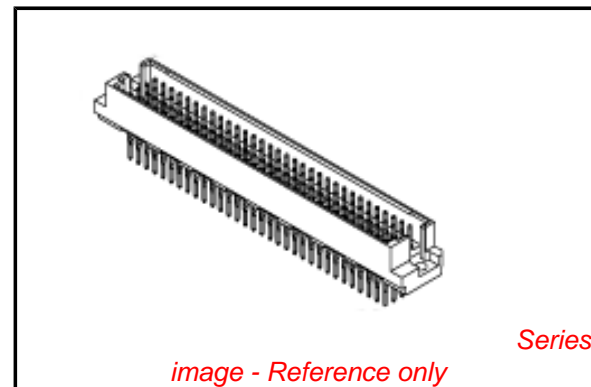


image - Reference only

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

[85015Series](#)

Mates With

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

Use With

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

Temperature Range - Operating -55°C to +125°C
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

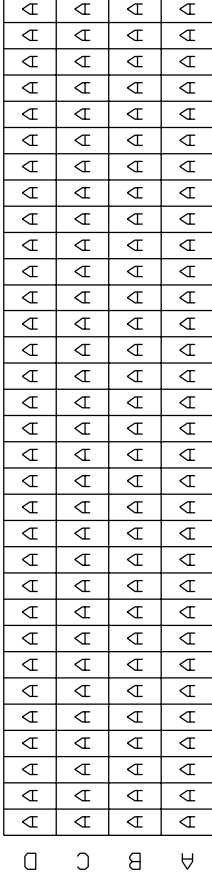
Reference - Drawing Numbers

Product Specification PS-85013-0002
Sales Drawing SDA-85015-0024

This document was generated on 05/17/2010

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VIEW ON MATING SIDE



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 = 128 STANDARD CONTACTS L=9.3

Marking	Standard
Performance level	G2/0 = Contact area perform.level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85015-0001
Technical Data	PS-85013-0002

A	G2/0	a1-32	b1-32	c1-32	d1-32
Contact symbol	Perform. level	Contact position number			

ECN No. MG1998-2790 first release	REVISIONS		FOR PREVIOUS REVISIONS SEE MRI LIST	
	LTR			
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°		DRWG BY	SIGN	
INCH		Cc		
METRIC		CHK'D BY	SIGN	
3 PLACE ± .		KN		
2 PLACE ± .		APP'D BY	FB	
1 PLACE ± .				
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		
s8501500		s21		
TITLE		SHEET NO. DATE		
128 pos. Male connector acc. DIN 41612 style R contacts arrangement		1 OF 1 98/04/28		
PART NO.		DWG NO.		
85015-0024		SDA-85015-0024		
SIZE		A		