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Part Number: [0850150141](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612 Header, 4-Row C-Pin, Press-Fit Style R Reverse, Vertical, Through Hole, 0.6µm (24µ") Gold (Au), 128 Circuits, Lead free

Documents:

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

Agency Certification

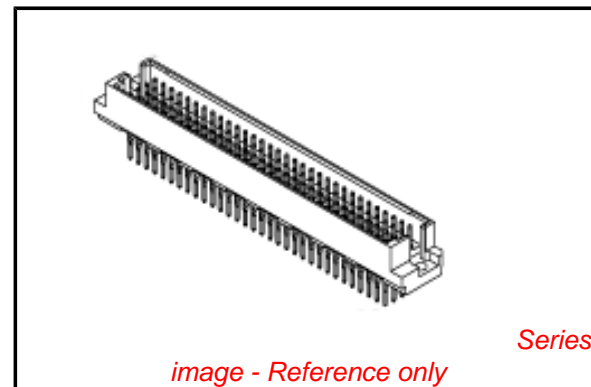
CSA LR19980
 UL E29179

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 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
 Material - Resin Polyester
 Number of Columns 32
 Number of Pairs Open Pin Field
 Number of Rows 4
 Orientation Vertical
 PC Tail Length (in) 0.228 In
 PC Tail Length (mm) 5.80 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
 Plating min: Mating (µin) 24
 Plating min: Mating (µm) 0.6
 Plating min: Termination (µin) 16



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

Plating min: Termination (μm)	0.4
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
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

Packaging Specification	PK-85015-001
Product Specification	PS-85013-0002
Sales Drawing	SDA-85015-0141

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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	Z
□	Z	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	Z
□	Z	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

A = 12Ø STANDARD CONTACTS L=2
 Z = 8 FMLB CONTACTS •Ø.6 L=2
 S = 128 TOTAL NUMBER OF CONTACTS

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

Z	G2/0	a1,32	b1,32	c1,32	d1,32
A	G2/0	a2-31	b2-31	c2-31	d2-31
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	CAD/CAM PROJECT NAME s8501501 s41
INCH METRIC		Cc		
3 PLACE ± .	±	CHK'D BY	SIGN	TITLE 128 pos. Male connector acc. DIN 41612 style R contacts arrangement
2 PLACE ± .	±	KN		
1 PLACE ± .	±	APP'D BY	SIGN	SHEET NO. DATE 1 OF 1 98/04/28
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FB		
DESIGN DIMENSION <input type="checkbox"/> MM <input type="checkbox"/> IN.		SCALE	PART NO. DWG NO. SIZE	
EQUIVALENT DIMENSION <input type="checkbox"/> MM <input type="checkbox"/> IN.		MOLEX® EUROPE SDA-85015-0141		
IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY				

REVISE ONLY ON CAD SYSTEM SH. REV.

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