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Part Number:

0850150311

Status:

Active

Overview:

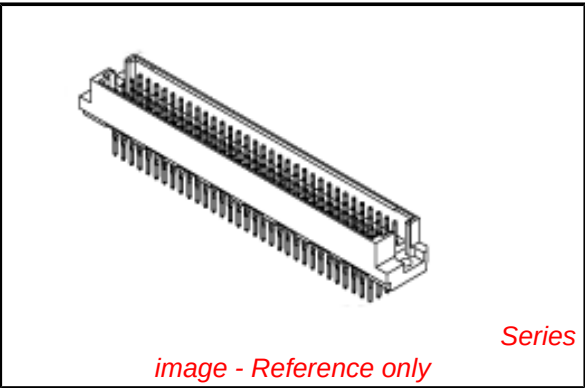
din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Through Hole, Vertical, Press-fit Style R, 0.6µm (24µ") Gold (Au), 128 Circuit, 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)	0.228 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-85015-0311

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View on mating side

[illegible]

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A = 127	standard contacts	L = 2
D = 1	LMFB contact	L = 2

Category	Count
S = 128 total number of contacts	128

Marking	Standard
Performance level	G2/0 = Contact area perform. level 2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SDA-85015-0001
Technical Data	PS-85013-0002

D	G2/0	b9	
A	G2/0	a1-32	b1-8, 10-32 c1-32 d1-32
Contact symbol	Perform. level	Contact position number	

ECN No. MC1999-0060	first release	LTR	REVISIONS		FOR PREVIOUS REVISIONS SEE MRL LIST		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$			DRAWG BY Ca	SIGN	CAD/CAM PROJECT NAME s8501503 s 11		REVISE ONLY ON CAD SYSTEM		SH.	REV.
			3 PLACE $\pm$.	$\pm$	INCH	METRIC											
			2 PLACE $\pm$.	$\pm$					CHK'D BY	SIGN	TITLE 128 pos. Male connector acc. DIN 41612 style R contacts arrangement						
			1 PLACE $\pm$.	$\pm$					APP'D BY	SIGN							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						FB		MOLEX® MOLEX EUROPE		SHEET NO. 1 OF 1	DATE 98/09/08			
			DESIGN DIMENSION ☐ MM ☐ IN.									PART NO. 85015-0311	DWG NO. SDA-85015-0311	SIZE A			
			EQUIVALENT DIMENSION ☐ MM ☐ IN.								SCALE						
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY																	