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Part Number:

0850159005

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612 Header, 4-Row Through Hole, Press-fit, Vertical, Style R, 0.6µm (24µ") Selective Gold (Au), 128 Circuits, Lead Free

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-85013-0002 \(PDF\)](#)

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	Standard Contacts at A:a3-a32, b3-b32, c3-c32, d3-d32 . First-Mate- Last-Break Contacts at Z: a1-a2, b1-b2, c1-c2, d1-d2
Color - Resin	Gray
Durability (mating cycles max)	400
First Mate / Last Break	Yes
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
Plating min: Termination (µm)	0.4
Polarized to PCB	Yes
Stackable	No

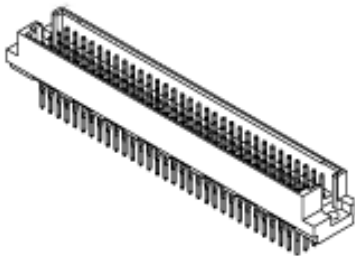


image - Reference only

Series

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

Surface Mount Compatible (SMC)
Temperature Range - Operating
Termination Interface: Style

No
-55°C to +125°C
Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact
Data Rate
Real Signals (per 25mm)
Shielded
Voltage - Maximum

1A
622.0 Mbps
39
No
250V AC (RMS)

Material Info

Reference - Drawing Numbers

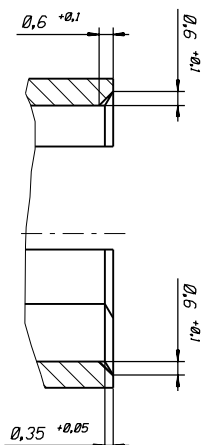
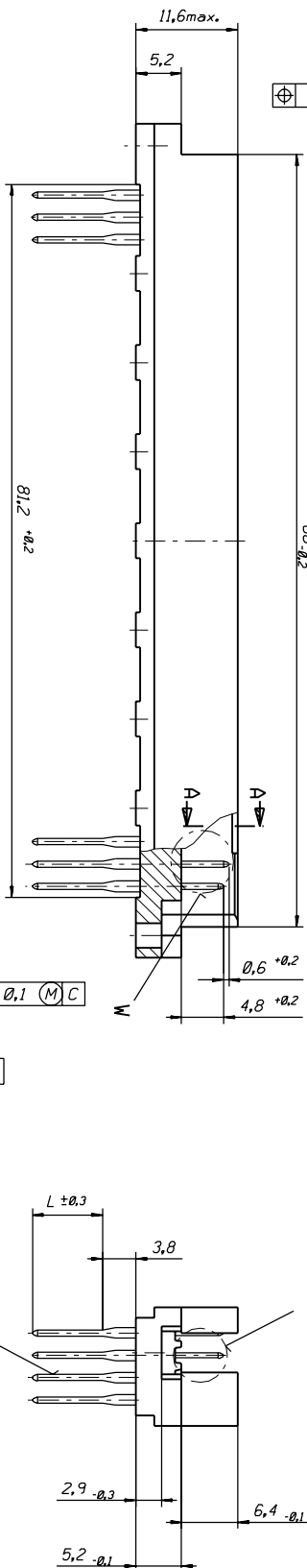
Packaging Specification
Product Specification
Sales Drawing

PK-85015-001
PS-85013-0002
SD-85015-9005, SDA-85015-0001

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fb_frame_A3_P_ME_T
Rev. E 2006/04/15



FIRST ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SU.	REV.						
		CAD/PCB PROJECT NAME B5015000 s11		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$ INCH METRIC <table><tr><td>PLACE $\pm$</td><td>$\pm$</td></tr><tr><td>PLACE $\pm$</td><td>$\pm$</td></tr><tr><td>PLACE $\pm$</td><td>$\pm$</td></tr></table>		PLACE $\pm$	$\pm$	PLACE $\pm$	$\pm$	PLACE $\pm$	$\pm$	TITLE 128 pos. Mde connector DIN 41612 style R (C-Pin) Dimensions			
PLACE $\pm$	$\pm$										
PLACE $\pm$	$\pm$										
PLACE $\pm$	$\pm$										
DRAWN BY Cd		SIGN									
CHECKED BY KN		SIGN									
APPROVED BY FB		SIGN									
DESIGN DIMENSION ☒ MM											
EQUIVALENT DIMENSION ☐ IN.		SCALE 2:1		PART NO. SDA-85015-0001							
IF THE DIMENSIONS ARE GIVEN IN BOTH UNITS, THE DIMENSION IN THE FIRST COLUMN IS THE GOVERNOR		SHEET NO. 1 OF 98/04/27		SIZE B							
first release ECN No. MG1998-2790		A									

