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Part Number:

0850130218

Status:

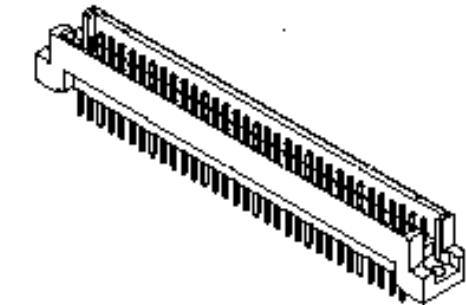
Active

Overview:

din_41612

Description:

2.54mm (.100") Pitch DIN 41612 Header, Vertical, C-Pin Press-Fit Style R Reverse, 1µm (40µ") Selective Gold (Au), 96 Circuits, Lead free



Series

image - Reference only

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	85013
Application	Backplane
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R

Physical

Circuits (Loaded)	96
Circuits (maximum)	96
Circuits Detail	Rows A, B, & C
Color - Resin	Gray
Durability (mating cycles max)	500
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	Unplated
Material - Plating Termination	Unplated
Material - Resin	Polyester
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	3
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)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
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)	39
Plating min: Mating (µm)	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status

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
85013Series

Mates With
85042 DIN 41612 Receptacle . 85052 DIN
41612 Header

Use With
85089-1079 Press-in Tool

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

1A

Data Rate

622.0 Mbps

Voltage - Maximum

1000V (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-85013-001

Product Specification

PS-85013-0002

Sales Drawing

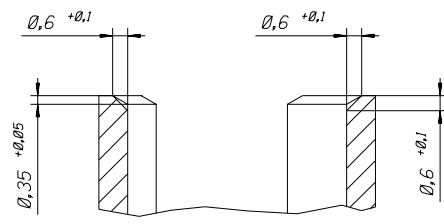
610-6043-201

This document was generated on 05/17/2010

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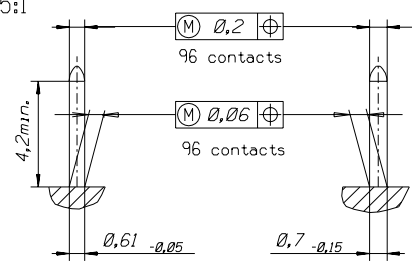
PART NO.

DWG. NO.

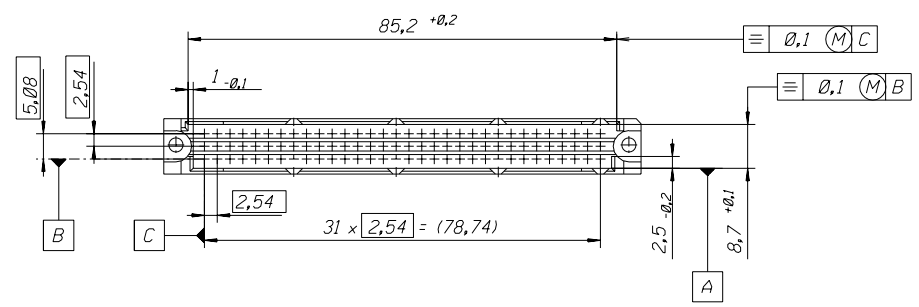
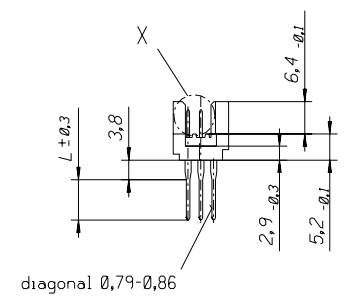
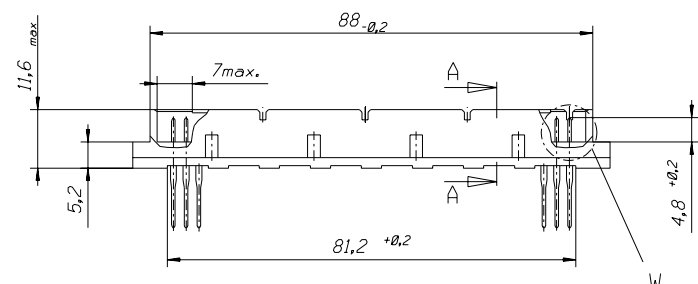
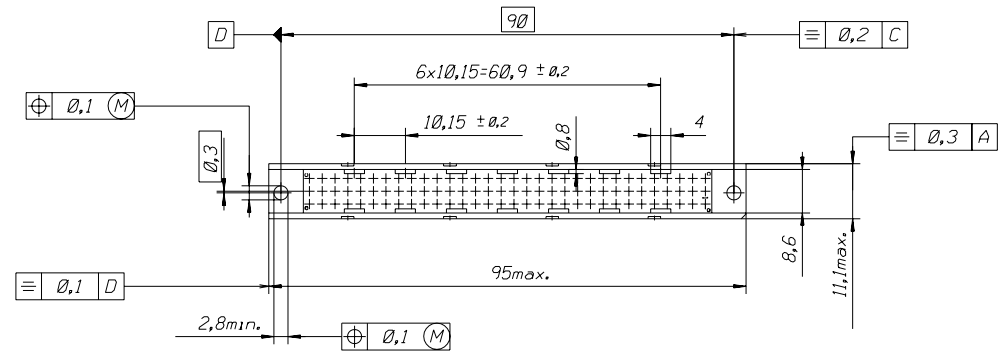


section A-A
5:1

View X
5:1



View W
5:1



FIRST ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°		DRWG BY	SIGN
INCH		Ca	
3 PLACE ± .	±	CHK'D BY	SIGN
2 PLACE ± .	±	KN	
1 PLACE ± .	±	APP'D BY	SIGN
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SCALE	
DESIGN DIMENSION ☒ MM ☐ IN.		l:1	
EQUIVALENT DIMENSION ☐ MM ☐ IN.			
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY			

CAD/CAM PROJECT NAME		SH.	REV.
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
TITLE		SHEET NO. DATE	
96 pos. Male connector DIN 41612 style R (C-Pin) Dimensions		1 OF 3 9/11/28	
MOLEX MOLEX EUROPE		PART NO.	SIZE
		see sh. no. 2 of 3	B
		DWG NO.	
		610-6043-201	