

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0850170359

Status:

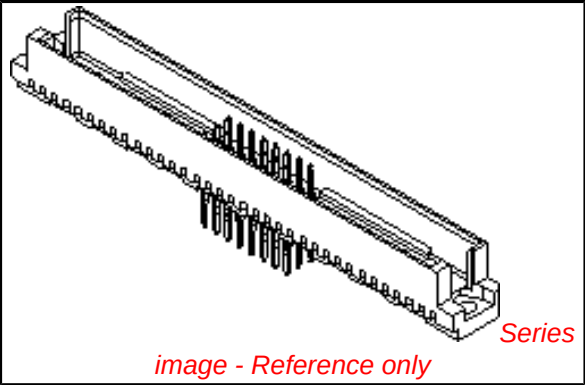
Active

Overview:

[din_41612](#)

Description:

2.54mm (.100") Pitch DIN 41612/EIC 603-2 Mixed Layout Connector, Male Style M(Hybrid type), Inverse Press-Fit, 1µm (40µ") Gold (Au) Selective, 48 Circuits, Lead Free



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		Backplane Connectors
Series		85017
Application		Backplane
Comments		Mixed Layout
Component Type		PCB Header
Overview		din_41612
Product Name		IEC 603-2/DIN 41612
Style		M
Physical		
Circuits (Loaded)		48
Circuits (maximum)		48
Circuits Detail		42 Signal , 6 Power
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		16
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
Polarized to PCB		No
Stackable		Yes

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

85017Series

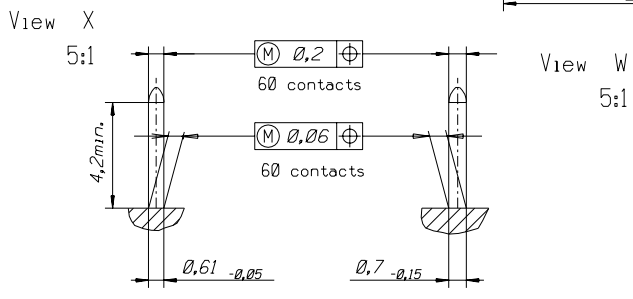
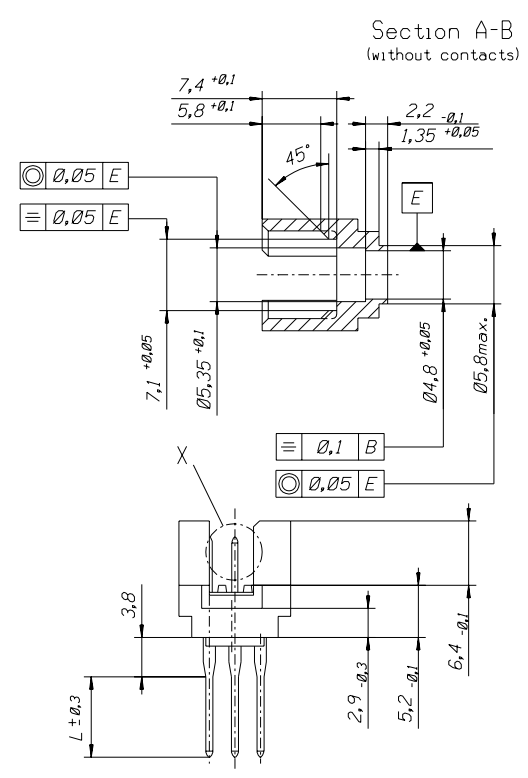
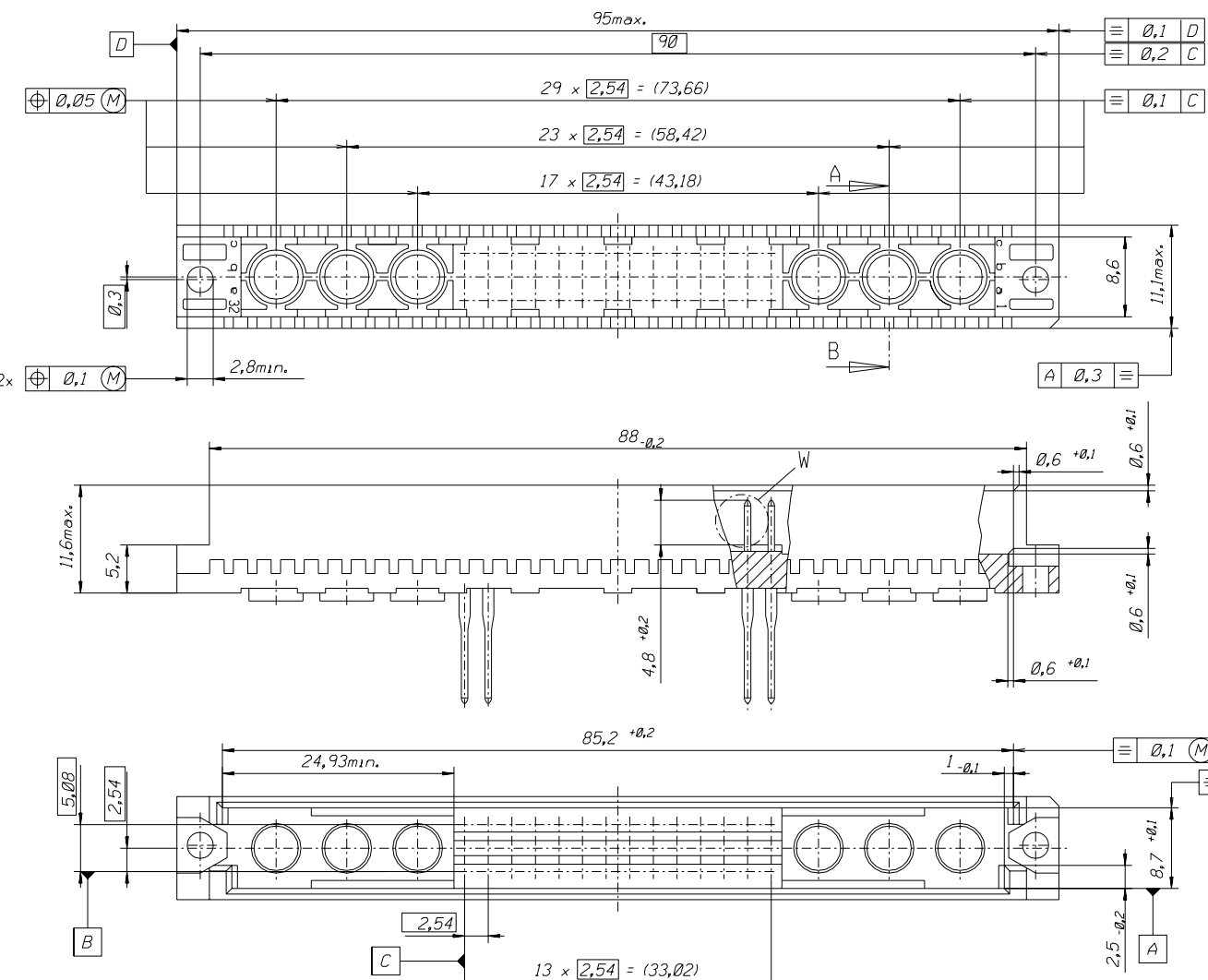
Mates With

85048 Straight Female Style M Receptacle.

85056 Straight Female Style M "inverse" Receptacle

Use With

85023 DIN 41612 Coaxial Contact



FIRST ANGLE PROJECTION				REVISE ONLY ON CAD SYSTEM		SH.	REV.
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$		DRWG BY	SIGN	CAD/CAM PROJECT NAME		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
3 PLACE $\pm$.		Ca		60393241			
2 PLACE $\pm$.		CHK'D BY	SIGN	TITLE			
1 PLACE $\pm$.		KN		42 pos. Male connector			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SIGN	DIN 41612 style M (C-Pin)			
DESIGN DIMENSION ☐ MM				inverted / Dimensions			
EQUIVALENT DIMENSION ☐ MM				MOLEX EUROPE			
IF TWO DIMENSIONS ARE SHOWN THE UPPER IS THE DESIGN DIMENSION, LOWER IS SECONDARY				SHEET NO. DATE			
				1 OF 3 93/05/04			
				PART NO.			
				see sh. no. 2 of 3			
				DWG NO.			
				603-6093-24			
				SCALE			
				2:1			
				SIZE			
				B			