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Part Number: [0850560062](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (.100") Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Female Style M Inverse, 78 Circuits, Lead free

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

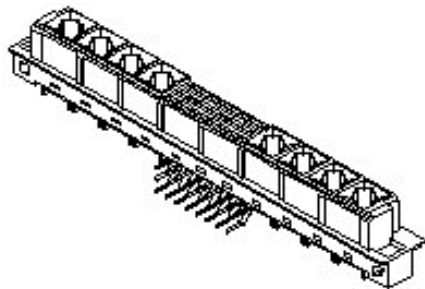
CSA LR19980
UL E29179

General

Product Family Backplane Connectors
Series [85056](#)
Application Daughtercard
Component Type PCB Receptacle
Overview [din_41612](#)
Product Name IEC 603-2/DIN 41612
Style M

Physical

Circuits (Loaded) 78
Circuits (maximum) 80
Circuits Detail Standard Contacts at A:a4-a29; B:b4-b29; C:c4-c29
Durability (mating cycles max) 400
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Plating Mating Gold
Material - Plating Termination Tin
Number of Columns 26
Number of Pairs Open Pin Field
Number of Rows 3
Orientation Right Angle
PC Tail Length (in) 0.110 In
PC Tail Length (mm) 2.80 mm
PCB Locator No
PCB Retention Yes
PCB Thickness Recommended (in) 0.063 In, 0.126 In
PCB Thickness Recommended (mm) 1.60 mm, 3.20 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) 24
Plating min: Mating (µm) 0.60
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55°C to +125°C
Termination Interface: Style Through Hole



Series

image - Reference only

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
[85056Series](#)

Mates With
DIN 41612/EIC 603-2 Mixed Layout
Connectors [85009](#) , [85017](#)

Use With
[85022](#)

Electrical

Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Voltage - Maximum	250V AC (RMS)

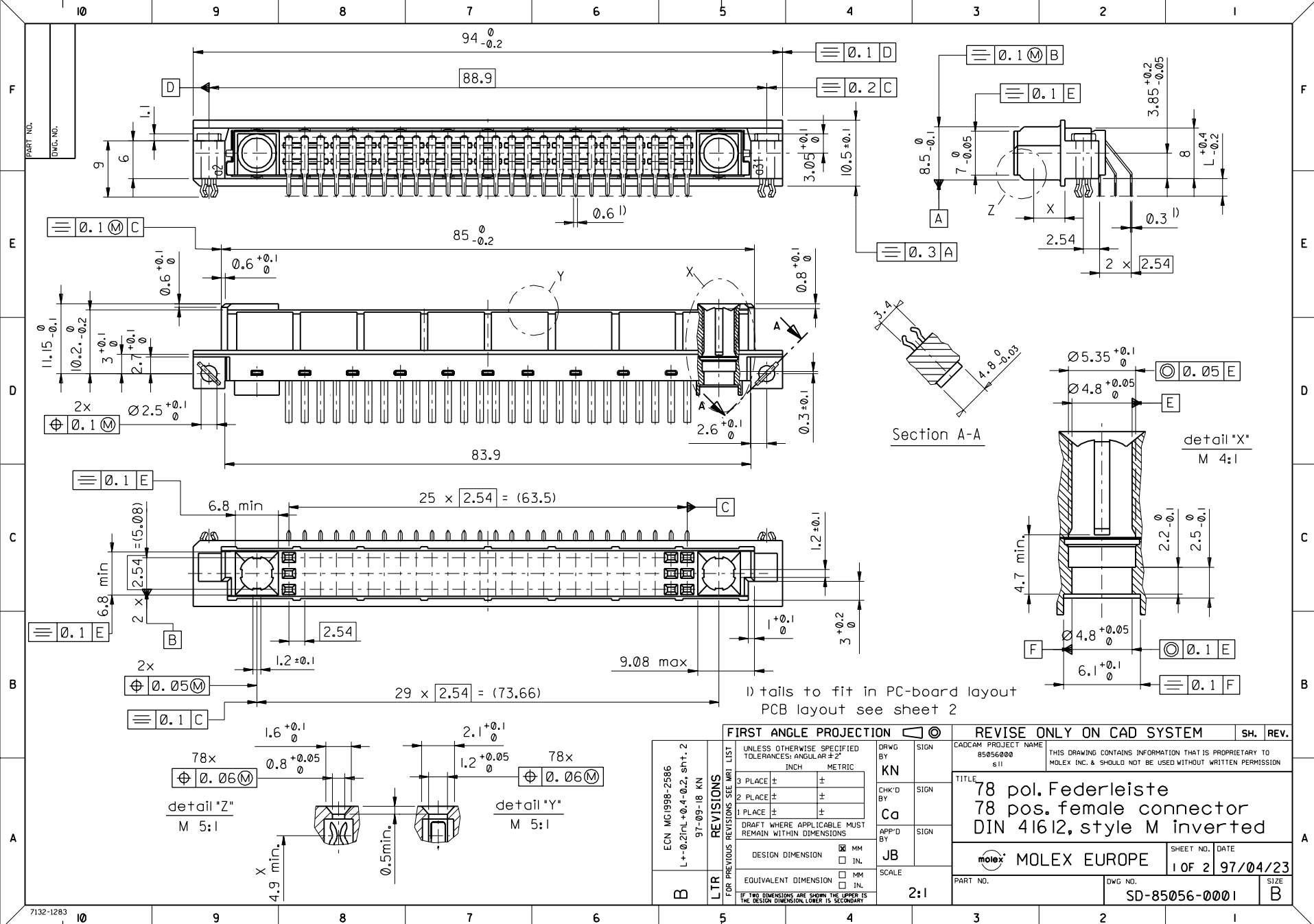
Material Info

Reference - Drawing Numbers

Sales Drawing	SD-85056-0001, SD-85056-0062
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VIEW ON MATING SIDE									
C	C	C	C	C	C	C	C	C	C
B	B	B	B	B	B	B	B	B	B
A	A	A	A	A	A	A	A	A	A
78 pos. female connector acc. DIN 41612, style M invert. contacts arrangement									
MOLEX EUROPE									
85056-0062									
SD-85056-0062									
DATE 97/05/14									
SIZE A									

ECN 2478	first release	REVISIONS		FOR PREVIOUS REVISIONS SEE MRL 11ST	
A	LTR				

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°	INCH	METRIC	DRWG BY	SIGN
3 PLACE ± .	±		KN	
2 PLACE ± .	±		CHK'D BY	SIGN
1 PLACE ± .	±		Ca	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
DESIGN DIMENSION	☐ MM	☐ IN.	APP'D BY	SIGN
EQUIVALENT DIMENSION	☐ MM	☐ IN.	JB	
SCALE				

REVISE ONLY ON CAD SYSTEM		SH. REV.
CAD/CAM PROJECT NAME s8505600 s61		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

Marking	Standard
Performance level	G2/0 = Contact area level2 / Termination tin
Flux proof	no
Fixing clip	no
Dimensions	SD-85056-0001 sht.1
Technical Data	PS-85052-0001

C	G2/0	c4-29
B	G2/0	b4-29
A	G2/0	a4-29
Contact symbol	Perform. level	Contact position number

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