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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

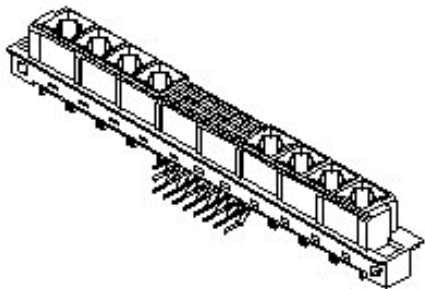
CSA LR19980
UL E29179

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
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
[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)

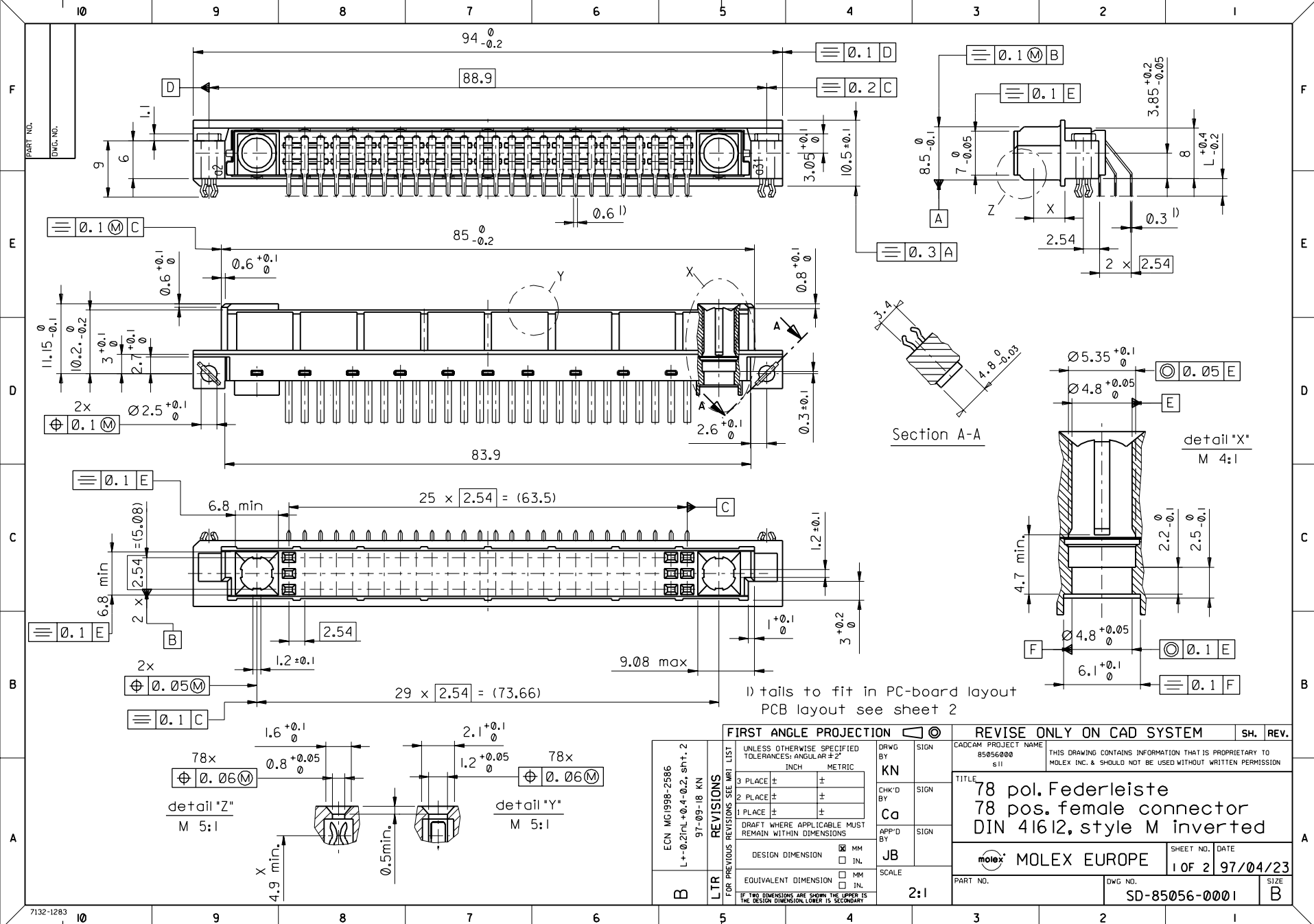
Material Info

Reference - Drawing Numbers

Sales Drawing	SD-85056-0001, SD-85056-0062
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This document was generated on 05/17/2010

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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									
SD-85056-0062									
DATE 97/05/14									
SIZE A									

ECN 2478	first release	REVISIONS	FOR PREVIOUS REVISIONS SEE MRL 1151
A	LTR		

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 2^\circ$	DRWG BY KN	SIGN
3 PLACE $\pm$. $\pm$	CHK'D BY	SIGN
2 PLACE $\pm$. $\pm$	Ca	
1 PLACE $\pm$. $\pm$	APP'D BY JB	SIGN
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DESIGN DIMENSION	MM ☐ IN. ☐
	EQUIVALENT DIMENSION	MM ☐ IN. ☐
IF TWO DIMENSIONS ARE SHOWN, THE UPPER IS SECONDARY THE DESIGN DIMENSION, LOWER IS SECONDARY		

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

REVISE ONLY ON CAD SYSTEM		SH. REV.
CAD/CAM PROJECT NAME	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
s8505600	s61	
TITLE		
78 pos. female connector acc. DIN 41612, style M invert. contacts arrangement		
MOLEX EUROPE		SHEET NO. 1 OF 1
DATE 97/05/14		SIZE A

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
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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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