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Part Number: 85056-9003

2.54mm Pitch DIN 41612/IEC 603-2 Mixed Layout Connector, Female Style M Inverse, 24 Circuits, Lead free

Series image - Reference only

Status:	**OBSOLETE**
Replacement:	Contact Molex
Series:	85056
Category:	Backplane Connectors
Overview:	DIN 41612

Mates With Part(s):
DIN 41612/EIC 603-2 Mixed Layout Connectors 85009, 85017

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant
China RoHS:
REACH SVHC:
Low-Halogen Status: Not Reviewed

Part Detail

General

Status	**Obsolete**
Category	Backplane Connectors
Series	85056
Application	Daughtercard
Comments	8 Coaxial Contacts (85022-0323) assembled No Mounting Clips No Flux Proof
Component Type	PCB Receptacle
Overview	DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	M

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Circuits Detail	Rows A, B & C
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	8
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Right Angle
PC Tail Length	2.80mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm, 3.20mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.610µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	2.5A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Agency Certification

CSA	LR19980
UL	E29179

Solder Process Data

Duration at Max. Process Temperature (seconds)	10

Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260

Material Info

UPC	822348128013

Reference - Drawing Numbers

Sales Drawing	SD-85056-9003

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

Check our list of old tooling that used to be available for this part