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Part Number: [85042-4268](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 Receptacle, Style C/2+ Clip Dimensions, 48 Circuits

Documents:

3D Model	Product Specification PS-85042-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

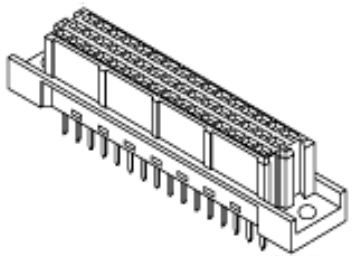
Product Family	Backplane Connectors
Series	85042
Application	Backplane
Component Type	PCB Receptacle
Overview	DIN 41612
Product Name	IEC 603-2/DIN 41612
Style	C/2
UPC	800753857278

Physical

Circuits (Loaded)	48
Circuits (maximum)	48
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
Net Weight	7.031/g
Number of Columns	16
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm, 4.00mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	30
Shielded	No
Voltage - Maximum	250V AC (RMS)



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

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

[85042Series](#)

Mates With

DIN 41612 Headers [85003](#) , [85013](#)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

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THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS

PS-85042-001
SD-85042-0002, SD-85042-002

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