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Part Number: [0850132012](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 Header, Through Hole, Vertical, Style R/2 Reverse, 1µm Selective Gold (Au), 48 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-85013-0001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

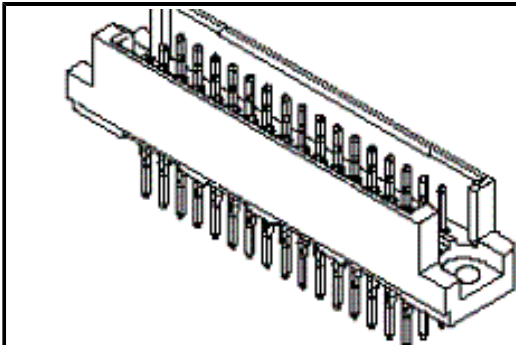
Product Family Backplane Connectors
Series [85013](#)
Application Daughtercard
Comments 4 Day Industrial Environment (S02), 4 Day Industrial Environment (S02)
Component Type PCB Header
Overview [DIN 41612](#)
Product Name IEC 603-2/DIN 41612
Style R/2
UPC 800753874466

Physical

Circuits (Loaded) 48
Circuits (maximum) 48
Circuits Detail Rows A, B, & C
Durability (mating cycles max) 500
First Mate / Last Break No
Flammability 94V-0
Guide to Mating Part No
Keying to Mating Part Yes
Material - Plating Mating Gold
Net Weight 5.699/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
Packaging Type Bag
Pitch - Mating Interface 2.54mm
Pitch - Termination Interface 2.54mm
Plating min - Mating 1.016µm
Polarized to PCB No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -55° to +125°C

Electrical

Current - Maximum per Contact 1.0A
Data Rate 622.0 Mbps
Real Signals (per 25mm) 30



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[85013](#) Series

Mates With

[85042](#) DIN 41612 Receptacle. [85052](#) DIN 41612 Header

Shield Type	N/A
Shielded	No
Voltage - Maximum	1000V (RMS)
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-85013-0001
Sales Drawing	E-85013-0002, E-85013-2012, SD-85013-2012, SDA-85013-0002, SDA-85013-2012

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