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Part Number: [0850132036](#)
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](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

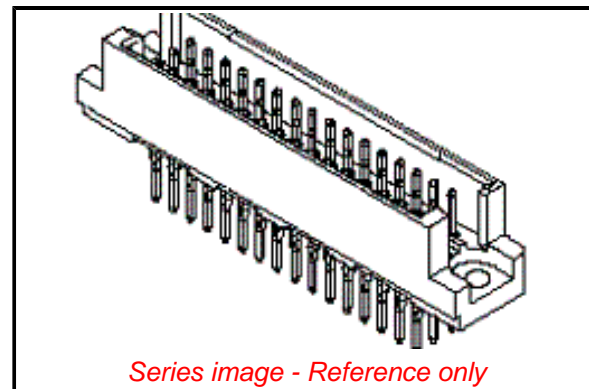
Product Family Backplane Connectors
 Series [85013](#)
 Application Daughtercard
 Comments 4 Day Industrial Environment (S02), 4 Day Industrial Environment (S02)
 Component Type PCB Header
 Overview [DIN 41612](#)
 Product Name IEC 603-2/DIN 41612
 Style R/2
 UPC 800756596433

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 7.139/g
 Number of Columns 16
 Number of Pairs Open Pin Field
 Number of Rows 3
 Orientation Vertical
 PC Tail Length 13.30mm
 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



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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[85013](#) Series

Mates With

[85042](#) , [85052](#) Backplane Header

Shield Type	N/A
Shielded	No
Voltage - Maximum	1000V (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	WAVE
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Sales Drawing	E-85013-0002, E-85013-2036, SD-85013-2036, SDA-85013-0002, SDA-85013-2036
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