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Part Number: [0850159006](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 Header, Through Hole, Vertical, Press-fit Style R+, 0.60µm Selective Gold (Au), 128 Circuits, Lead-Free

Documents:

[3D Model](#) [Product Specification PS-85013-0002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

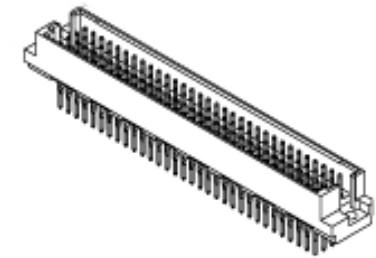
CSA LR19980
 UL E29179

General

Product Family Backplane Connectors
 Series [85015](#)
 Application Backplane
 Comments R at Style Represents Vertical Male DIN Connectors, R at Style Represents Vertical Male DIN Connectors
 Component Type PCB Header
 Overview [DIN 41612](#)
 Product Name IEC 603-2/DIN 41612
 Style R
 UPC 822348210084

Physical

Circuits (Loaded) 128
 Circuits (maximum) 128
 Circuits Detail Standard Contacts at: A:a2-a28, a31-a32, b1-b32, c1-c32, d1-d32 . First-Mate-Last-Break Contacts at: X: a1-a30 . Last-Mate-First-Break Contacts at:: Y a29
 Color - Resin Gray
 Durability (mating cycles max) 400
 First Mate / Last Break Yes
 Flammability 94V-0
 Guide to Mating Part No
 Keying to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Polyester
 Net Weight 17.718/g
 Number of Columns 32
 Number of Pairs Open Pin Field
 Number of Rows 4
 Orientation Vertical
 PC Tail Length 5.80mm
 PCB Locator No
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm, 4.00mm
 Packaging Type Carton
 Pitch - Mating Interface 2.54mm
 Pitch - Termination Interface 2.54mm
 Plating min - Mating 0.610µm
 Plating min - Termination 0.406µm
 Polarized to PCB Yes



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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[85015](#) Series

Mates With

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

Use With

[850891081](#) Press-in Tool

Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	1.0A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info**Reference - Drawing Numbers**

Product Specification	PS-85013-0002
Sales Drawing	SDA-85015-9006

This document was generated on 09/18/2019

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