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Part Number: [0365820002](#)
Status: **Active**
Overview: [din_41612](#)
Description: 2.54mm (0.100") Pitch DIN 41612 Receptacle, Right Angle, Through Hole, Press-Fit Type, 0.8µm (30µ") Selective Gold (Au), 160 circuits, Lead Free

Documents:

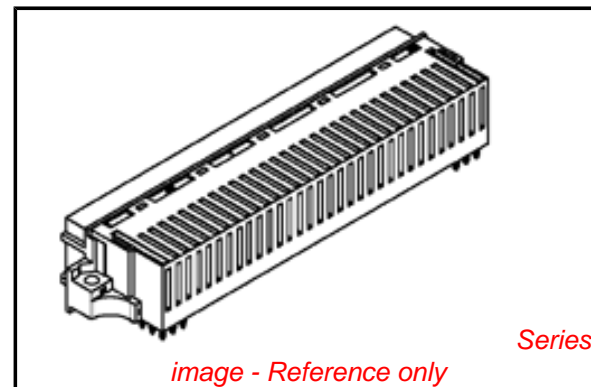
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-36582-001 \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	36582
Application	Daughtercard
Comments	"R" at style represents Right Angle Female DIN Connector
Component Type	PCB Receptacle
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R

Physical

Circuits (Loaded)	160
Circuits (maximum)	160
Circuits Detail	160
Durability (mating cycles max)	30
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	5
Orientation	Right Angle
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Not Reviewed**
**Halogen-Free
Status
Not Reviewed**

China RoHS



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Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[36582Series](#)

Mates With

[36587 Series R Male Press fit Headers](#)

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	49
Shielded	No
Voltage - Maximum	250V AC (RMS)

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-36582-001
Product Specification	PS-36582-001
Sales Drawing	SD-36582-001

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