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Part Number: [36582-0002](#)
Status: **Active**
Overview: [DIN 41612](#)
Description: 2.54mm Pitch DIN 41612 Receptacle, Right Angle, Through Hole, Press-Fit Type, 0.8µm 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
UPC	822348366668

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	3.00mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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

Electrical

Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Real Signals (per 25mm)	49

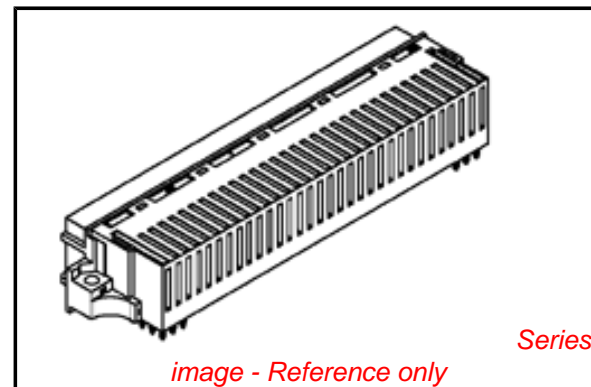


image - Reference only

EU RoHS

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

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

[36582Series](#)

Mates With

[36587 Series R Male Press-Fit Headers](#)

Shielded
Voltage - Maximum

No
250V AC (RMS)

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-36582-001
SD-36582-001

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