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#### Part Number: 52481-0643

2.54mm Pitch DIN 41612 Receptacle, Vertical, Triple Row, Center Row Void, with Metal Pegs, 64 Circuits, Gold (Au) Selective 0.76µm



Status: OBSOLETE
Replacement: Contact Molex

Series: 52481
Category: Backplane Connectors

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Series image - Reference only

Mates With Part(s): 53321, 53322, 53323

#### **Product Environmental Compliance**

**EU ELV**:Product not active

EU RoHS:Product not active

**EU RoHS Phthalates**:Product not active

China RoHS:

REACH SVHC:Product not active

<u>Low-Halogen Status</u>:Product not active

EU RoHS Certificate of Compliance (PDF)

Multiple Part Product Compliance

EU RoHS, REACH SVHC, & Low-Halogen

Multiple Part Industry Compliance Documents

\*IPC 1752A Class C \*IPC 1752A Class D

Statements

\*Molex Product Compliance Declaration

Questions on Product Environmental Compliance? Email<u>ProductCompliance@molex.com</u>

Request Molex's CMRT from conflictminerals@molex.com

# Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document. Previously Available Application Tooling Check our list of old tooling that used to be available for this part

# Part Detail ▼ General

## COLLAPSE ALL

Status Obsolete  Category Backplane Connectors  Series 52481  Application Daughtercard
Series <u>52481</u>
Application Daughtercard
Component Type PCB Receptacle
Obsolete Date 2004/08/01
Product Name IEC 603-2/DIN 41612
UPC 800754312141

#### **▼** Physical

Circuits (Loaded)	64
Circuits (maximum)	64
Durability (mating cycles max)	500
Keying to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Number of Columns	N/A
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.762μm
Plating min - Termination	1.016µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Through Hole

### ▼ Electrical

(Please review the Product Specification for specific details.)		
Current - Maximum per Contact	2.0A	
Data Rate	622.0 Mbps	
Voltage - Maximum	300V	

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