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**Part Number:** [74642-0001](#)  
**Status:** **Active**  
**Overview:** Ganged RF  
**Description:** 6.25mm Pitch Ganged RF Receptacle, Right Angle, 8 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-74642-001 \(PDF\)](#)  
[Product Specification PS-74854-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E107635

**General**

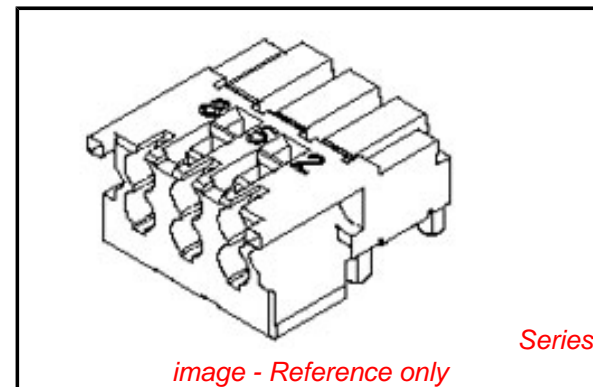
Product Family Backplane Connectors  
 Series [74642](#)  
 Application Daughtercard  
 Comments Ports Numbered 2, 5, 8, and 11 Loaded  
 Component Type PCB Receptacle  
 Overview Ganged RF  
 Product Name Ganged RF  
 Style N/A  
 UPC 756054465776

**Physical**

Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Natural  
 Durability (mating cycles max) 500  
 First Mate / Last Break No  
 Flammability 94V-0  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Material - Metal High Performance Alloy (HPA)  
 Material - Plating Mating Gold  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 12.000/g  
 Number of Columns 4  
 Number of Pairs N/A  
 Number of Rows 2  
 Orientation Right Angle  
 PC Tail Length 2.36mm  
 PCB Locator Yes  
 PCB Retention None  
 PCB Thickness - Recommended 3.20mm  
 Packaging Type Tray  
 Pitch - Mating Interface 6.25mm  
 Polarized to PCB Yes  
 Stackable Yes  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 1A  
 Data Rate 3.0 Gbps



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[74642Series](#)

**Mates With**

[74712 Ganged RF Header](#)

Shielded  
Voltage - Maximum

No  
50V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-74642-001  
PS-74854-001  
SD-74642-001

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