

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [74642-1005](#)  
**Status:** **Active**  
**Overview:** [Ganged RF](#)  
**Description:** 6.25mm Pitch Ganged RF Receptacle, Right Angle, 6 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**

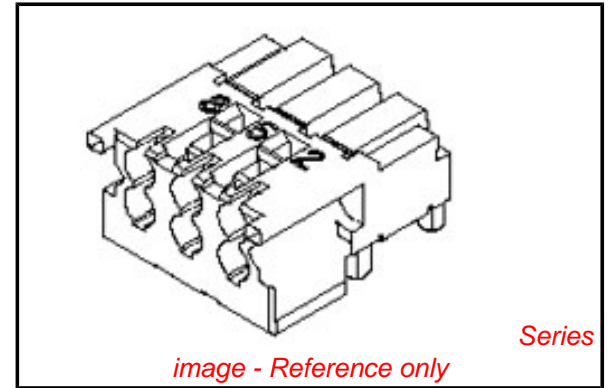
Product Family      Backplane Connectors  
Series      [74642](#)  
Application      Daughtercard  
Comments      Port Number 5 Loaded  
Component Type      PCB Receptacle  
Overview      [Ganged RF](#)  
Product Name      Ganged RF  
Style      N/A  
UPC      822350968553

**Physical**

Circuits (Loaded)      5  
Circuits (maximum)      6  
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      5.405/g  
Number of Columns      3  
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      2.36mm  
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**

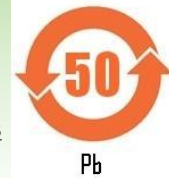
Current - Maximum per Contact      1A  
Data Rate      3.0 Gbps



**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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