

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0747121007](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 6.25mm (.246") Pitch Ganged RF Header, Vertical, 6 Circuits

**Documents:**

|                                               |                                                          |
|-----------------------------------------------|----------------------------------------------------------|
| <a href="#">Drawing (PDF)</a>                 | <a href="#">Product Specification PS-74854-001 (PDF)</a> |
| <a href="#">Packaging Specification (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**General**

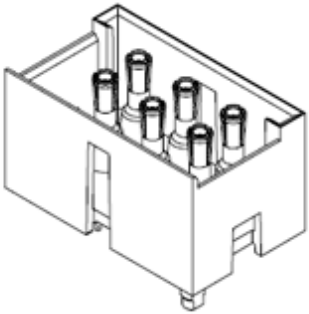
|                |                        |
|----------------|------------------------|
| Product Family | Backplane Connectors   |
| Series         | <a href="#">74712</a>  |
| Application    | Backplane              |
| Comments       | Port Numbered 5 Loaded |
| Component Type | PCB Header             |
| Overview       | Ganged RF              |
| Product Name   | Ganged RF              |
| Style          | N/A                    |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 2                              |
| Circuits (maximum)             | 6                              |
| Circuits Detail                | 2                              |
| Color - Resin                  | Black                          |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 500                            |
| First Mate / Last Break        | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | Yes                            |
| Material - Metal               | Copper                         |
| Material - Resin               | High Temperature Thermoplastic |
| Material - Resin               | Polyester                      |
| Number of Columns              | 3                              |
| Number of Pairs                | N/A                            |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length (in)            | 0.141 In                       |
| PC Tail Length (mm)            | 3.58 mm                        |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| PCB Thickness Recommended (in) | 0.177 In                       |
| PCB Thickness Recommended (mm) | 4.50 mm                        |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface (in)  | 0.246 In                       |
| Pitch - Mating Interface (mm)  | 6.25 mm                        |
| Pitch - Term. Interface (in)   | 0.246 In                       |
| Pitch - Term. Interface (mm)   | 6.25 mm                        |
| Polarized to PCB               | Yes                            |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Through Hole - Compliant Pin   |

**Electrical**

|                         |          |
|-------------------------|----------|
| Current - Maximum       | 1A       |
| Data Rate               | 3.0 Gbps |
| Real Signals (per 25mm) | 8        |



Series image - Reference only

**EU RoHS**

**RoHS Compliant by  
Exemption**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**

[74712](#) Series

**Mates With**

[74642](#) Ganged RF Receptacle

|                   |        |
|-------------------|--------|
| Shield Type       | N/A    |
| Shielded          | No     |
| Voltage - Maximum | 50V AC |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-74854-001 |
| Sales Drawing         | SD-74712-003 |

This document was generated on 11/04/2009

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**