



**Part Number :** 2153610064

**Series Number :** 215361

**Product Category :** Board-to-Board Connectors

**Product Description :** 5G mmWave RF Flex-to-Board Plug, 0.35mm Pitch, 0.60mm Mated Height, Series 5G15

**Status :** Active

Documents & Resources

**Drawings**  
Drawing 2153610064\_sd.pdf

**3D Models and Design Files**  
3D Model 2153610064\_stp.zip

**Specifications**  
Application Specification 2153600000-AS-000.pdf  
Packaging Specification 2153619200-SPK-200.pdf  
Product Specification 2153600000-PS-000.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant per EU 2015/863                                                             |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |                                                                                 |
|----------------|---------------------------------------------------------------------------------|
| Status         | Active                                                                          |
| Category       | Board-to-Board Connectors                                                       |
| Series         | 215361                                                                          |
| Description    | 5G mmWave RF Flex-to-Board Plug, 0.35mm Pitch, 0.60mm Mated Height, Series 5G15 |
| Series Name    | 0.35, 5G15                                                                      |
| Application    | Board-to-Board                                                                  |
| Component Type | PCB Header                                                                      |
| Product Family | 5G mmWave RF Flex-to-Board Connectors                                           |
| Product Name   | 5G mmWave,SlimStack                                                             |
| UPC            | 195842000124                                                                    |

#### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A, 1.0A      |
| Voltage - Maximum             | 50V AC (RMS)/DC |

#### Physical

|                                |              |
|--------------------------------|--------------|
| Breakaway                      | No           |
| Circuits (Loaded)              | 6            |
| Circuits (maximum)             | 6            |
| Color - Resin                  | Black        |
| Durability (mating cycles max) | 10           |
| Glow-Wire Capable              | No           |
| Mated Height                   | 0.60mm       |
| Mated Width                    | 2.30mm       |
| Material - Metal               | Copper Alloy |
| Material - Plating Mating      | Gold         |
| Material - Plating Termination | Gold         |

|                               |                        |
|-------------------------------|------------------------|
| Material - Resin              | Liquid Crystal Polymer |
| Net Weight                    | 2.843/mg               |
| Number of Rows                | 2                      |
| Orientation                   | Vertical               |
| Packaging Type                | Embossed Tape on Reel  |
| PCB Locator                   | No                     |
| PCB Retention                 | Yes                    |
| Pitch - Mating Interface      | 0.35mm                 |
| Pitch - Termination Interface | 0.35mm                 |
| Plating min - Mating          | 0.100µm                |
| Plating min - Termination     | 0.050µm                |
| Polarized to Mating Part      | No                     |
| Polarized to PCB              | No                     |
| Temperature Range - Operating | -40° to +85°C          |
| Termination Interface Style   | Surface Mount          |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                           | Part Number       |
|---------------------------------------------------------------------------------------|-------------------|
| 5G mmWave RF Flex-to-Board Receptacle, 0.35mm Pitch, 0.60mm Mated Height, Series 5G15 | <u>2153600064</u> |