

# FAKRA Connector (Two stations type)

## **CDM-K29W / R41-B624**

**MITSUMI**

### Features

1. Applicable to automotive antennas for radio frequency signal transmission.
2. Include a die casting body (shell) that can contribute to the robust structure.
3. Selectable variations of mounting requirements. (Right angle / Straight / Standard / Low height)
4. Each coding (mating key) is available.
5. Compatible with Pin-in-Paste.
6. Compliant with RoHS Directive.

### CDM-K29W



### Specifications

#### Electrical Characteristics

|                          |   |
|--------------------------|---|
| Rated Voltage            | 60V DC max.   |
| Rated Current            | 1A DC max.  |
| Characteristic Impedance | 50Ω   |
| Insertion Loss           | 0.15dB max. (0 to 1GHz)<br>0.25dB max. (1 to 2.5GHz)<br>0.35dB max. (2.5 to 4GHz) |
| Return Loss              | 15.6dB min. (0 to 2GHz)<br>14.0dB min. (2 to 4GHz)                                |

#### Mechanical Characteristics

|                        |          |
|------------------------|----------|
| Life (Mating Cycle)    | 25 times |
| Total Insertion Force  | ≤50N     |
| Total Withdrawal Force | ≤50N     |

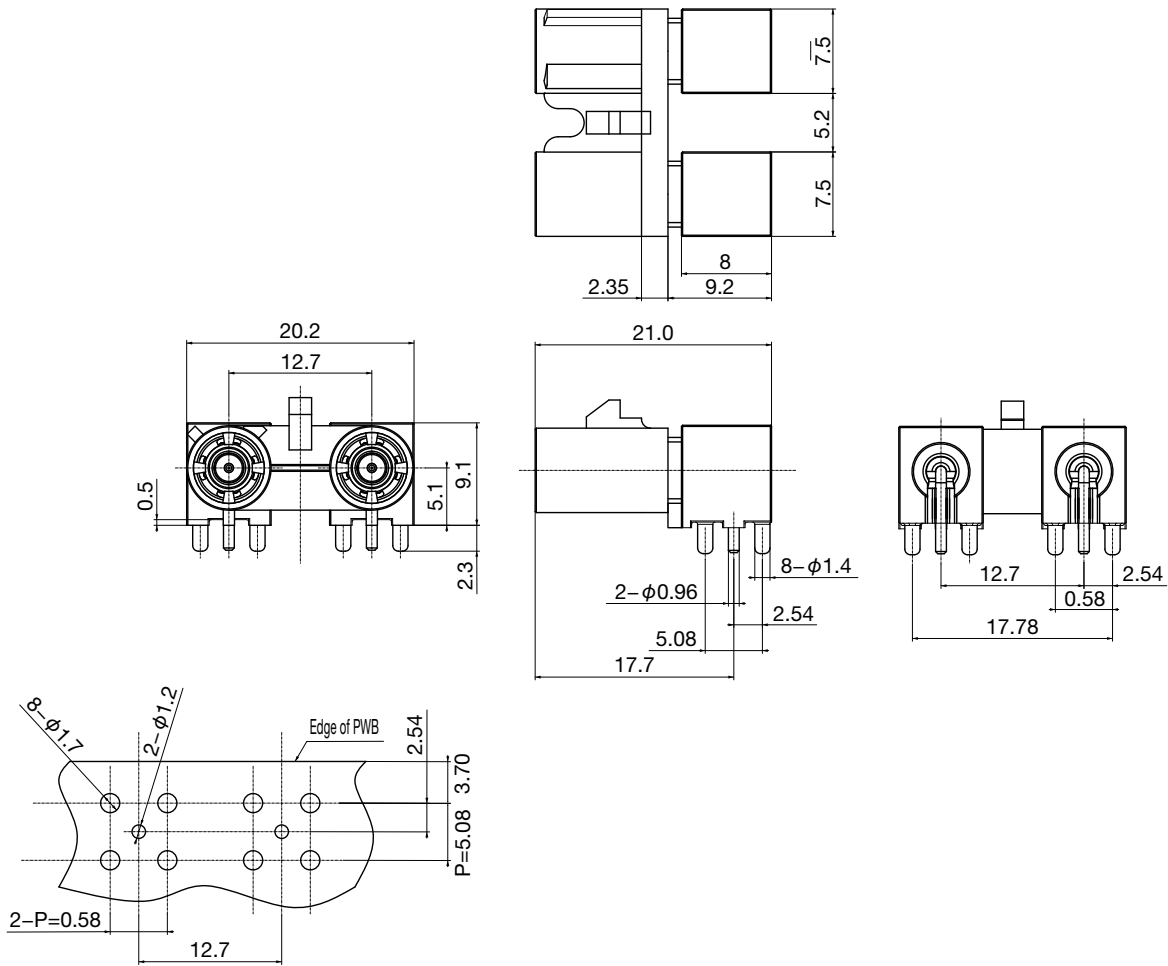
### Material & Finish

| Component Parts             |             | Material            | Finish                       |
|-----------------------------|-------------|---------------------|------------------------------|
| CDM-K29W<br>2 stations type | Contact Pin | Copper alloy        | Gold plating                 |
|                             | Housing     | LCP resin           | Natural                      |
|                             | Shell       | Zinc alloy          | Sn plating                   |
|                             | Cover       | Thermoplastic resin | Color: depend each work item |

- Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
- The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

**Dimensions**

**CDM-K29W**



The reference PWB size. (TOLERANCE:±0.05) t=1.6

Unit: mm

- Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
- The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.