

## FAKRA Connector (Dual type)

CDM-K27W, CDM-J97W, CDM-K29W, CDM-K06W, CDM-K33W, CDM-L03

### 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.





## SPECIFICATIONS

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### ELECTRICAL CHARACTERISTICS

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

### MECHANICAL CHARACTERISTICS

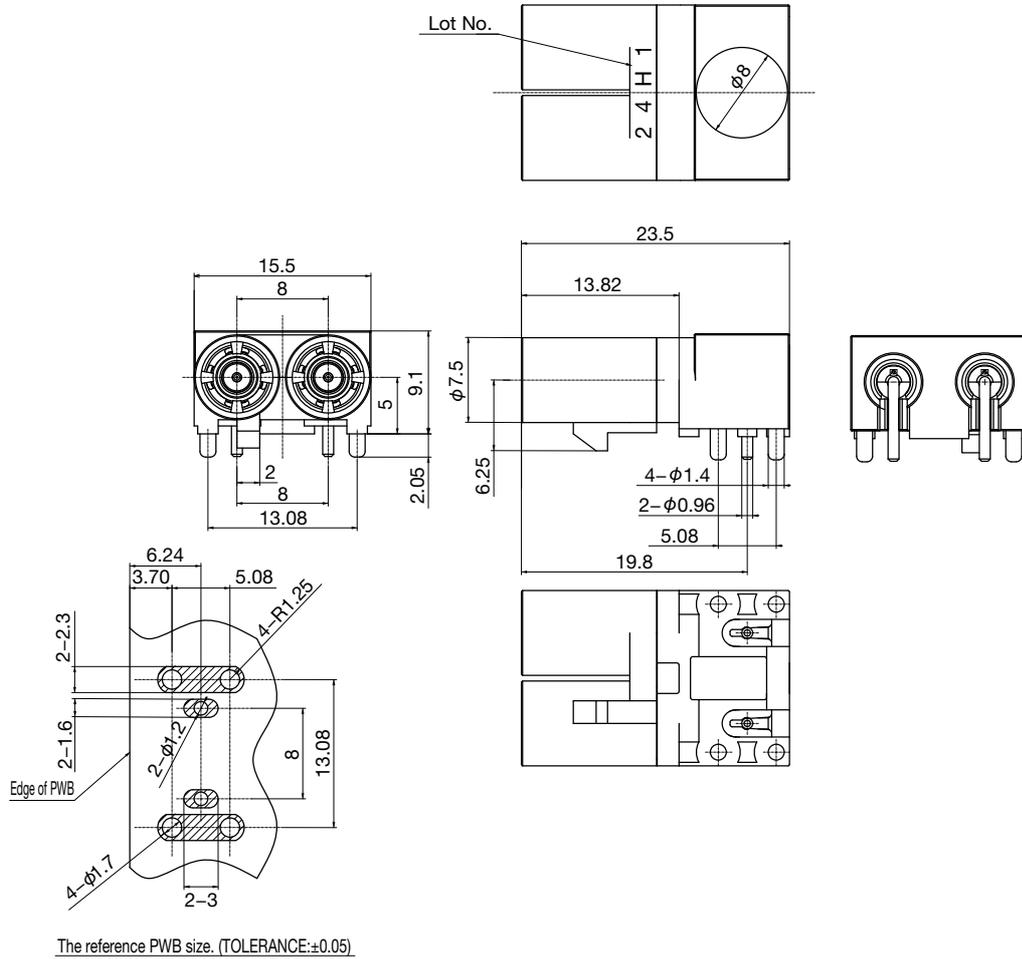
Life (Mating Cycle)	25 times
Total Insertion Force	≤50N
Total Withdrawal Force	≤50N

**MATERIAL & FINISH**

Component Parts		Material	Finish
CDM-K27W Long dual type	Contact Pin	Copper alloy	Gold plating
	Housing	PA9T resin	Natural
	Shell	Zinc alloy	Ni plating
	Cover	Thermoplastic resin	Color : depend each work item
CDM-J97W Low-height dual type	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Cover	Thermoplastic resin	Color : depend each work item
CDM-K29W 2 stations type	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Cover	Thermoplastic resin	Color : depend each work item
CDM-K06W Molded type Dual Long	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Plate	Copper alloy	Ni plating
	Holder	Steel	Ni plating
	Cover	Thermoplastic resin	Color : depend each work item
CDM-K33W Straight Dual Type with CAP	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Sn plating
	Cover	Thermoplastic resin	Corresponds to each coding
	CAP	LCP resin	Natural
CDM-L03 Stackd Dual Type	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Cover	Thermoplastic resin	Corresponds to each coding
	Lid	Copper alloy	Ni plating

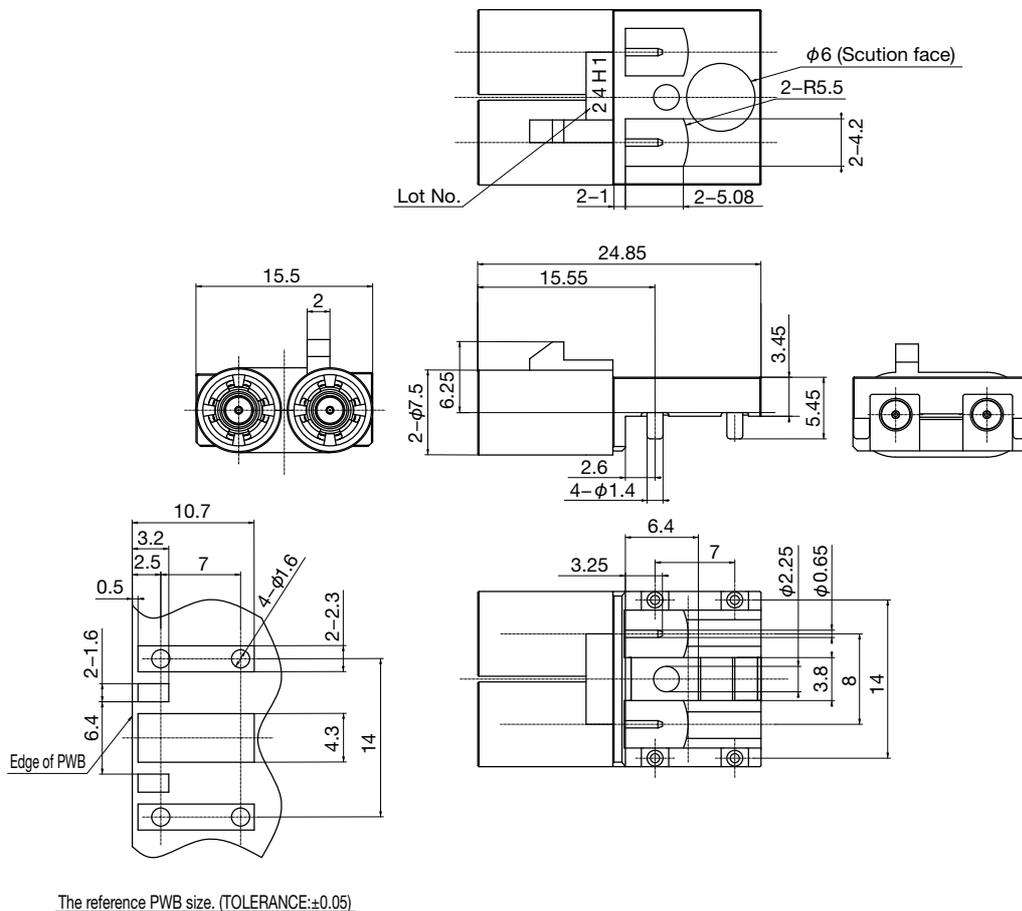
DIMENSIONS

CDM-K27W



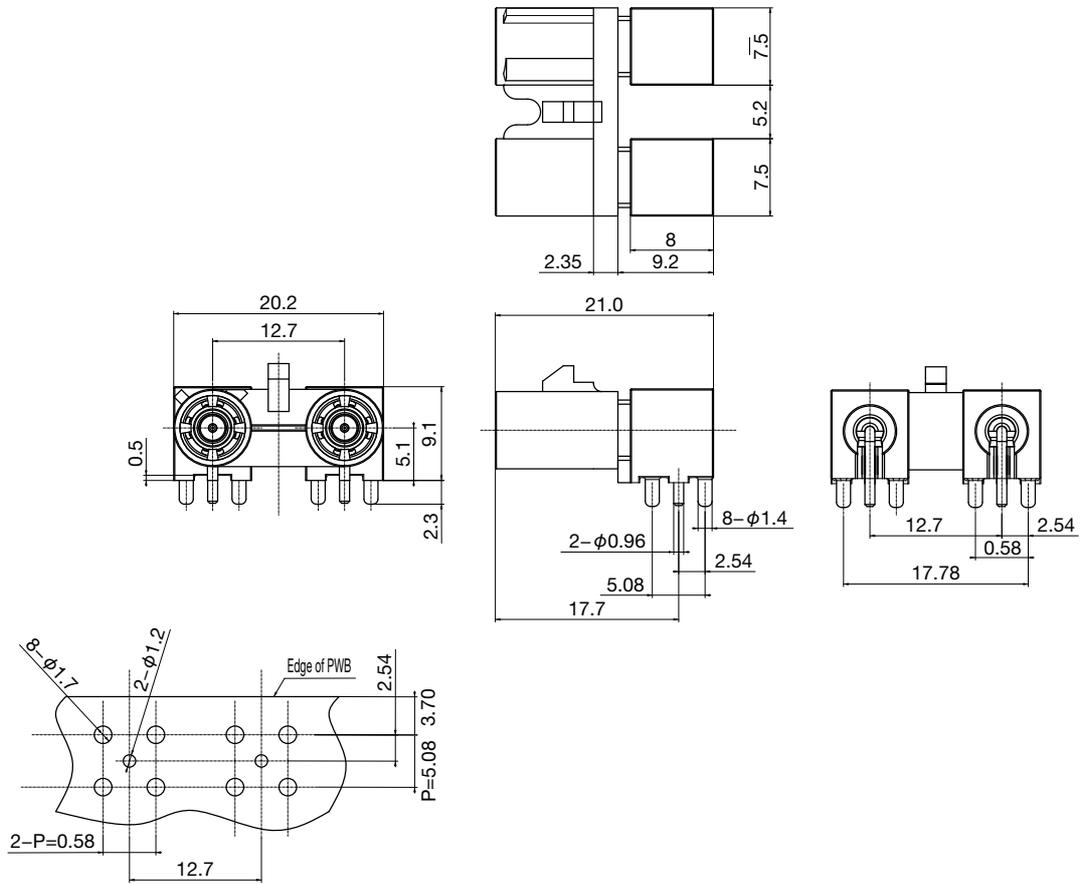
Unit : mm

CDM-J97W



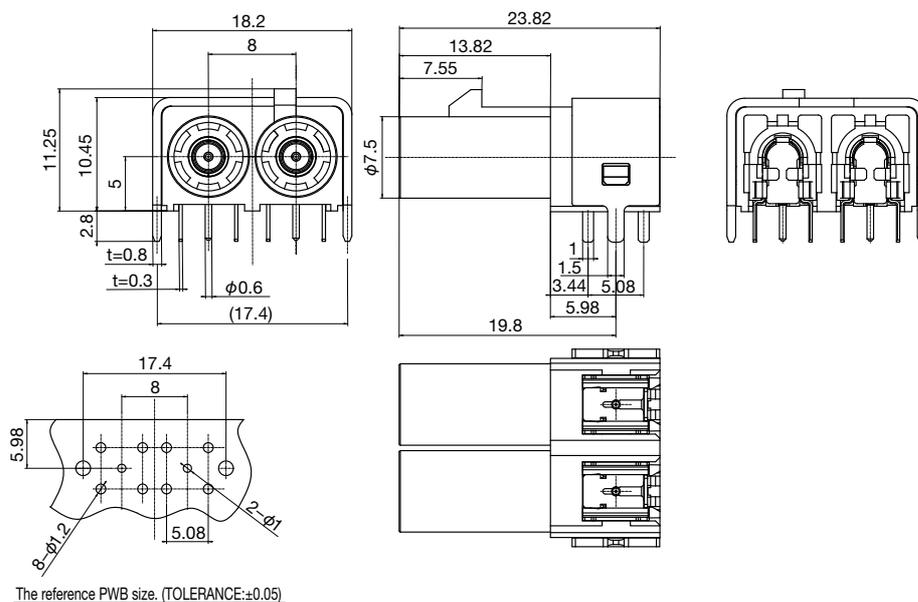
Unit : mm

**CDM-K29W**



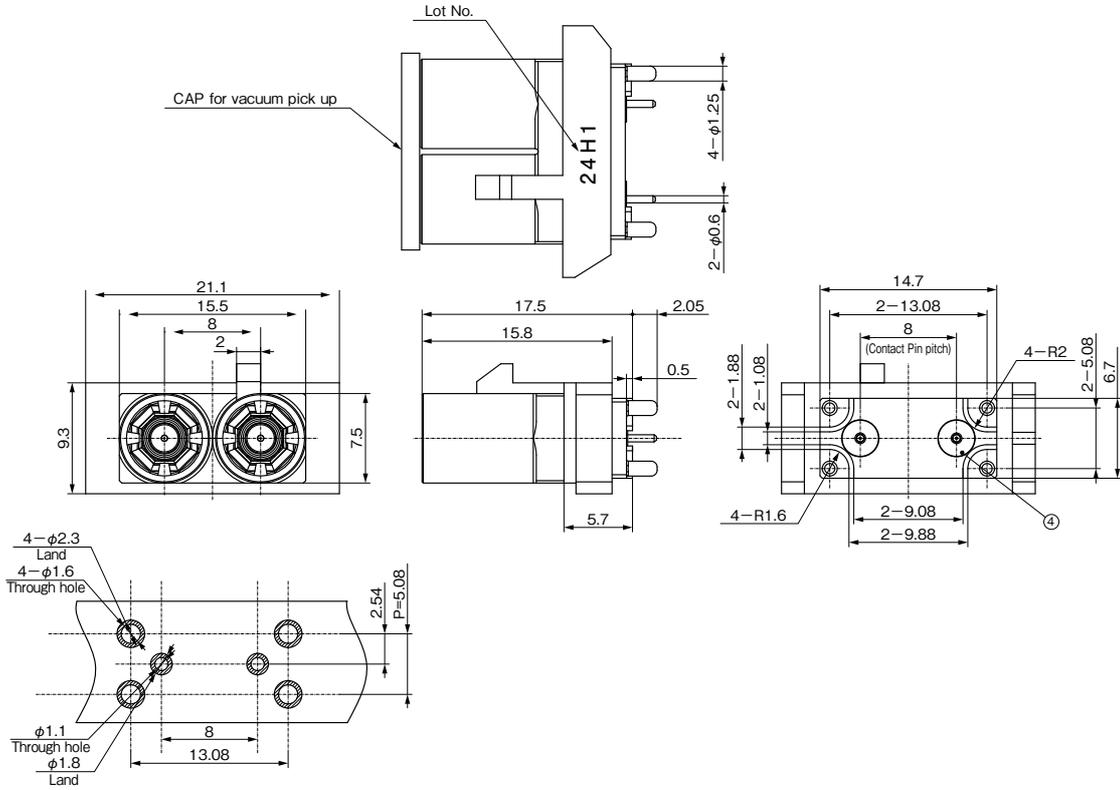
The reference PWB size. (TOLERANCE:±0.05) t=1.6

CDM-K06W



Unit : mm

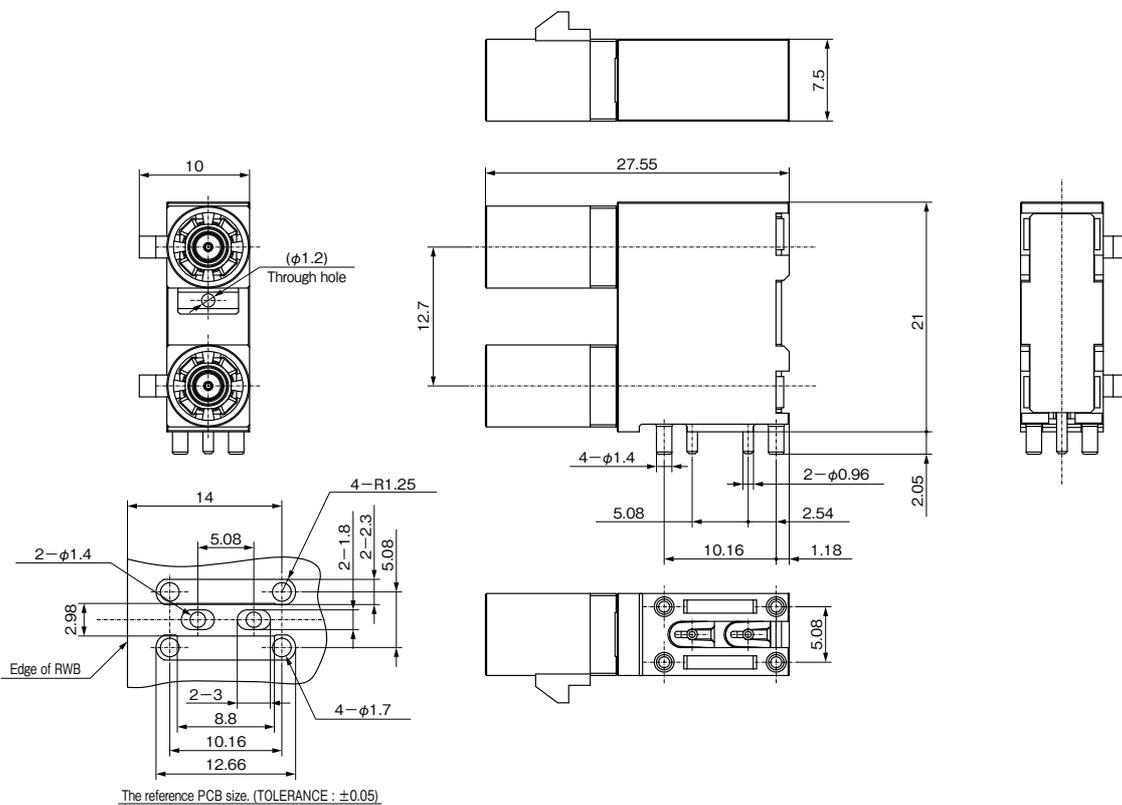
**CDM-K33W**



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.

CDM-L03



Unit : mm