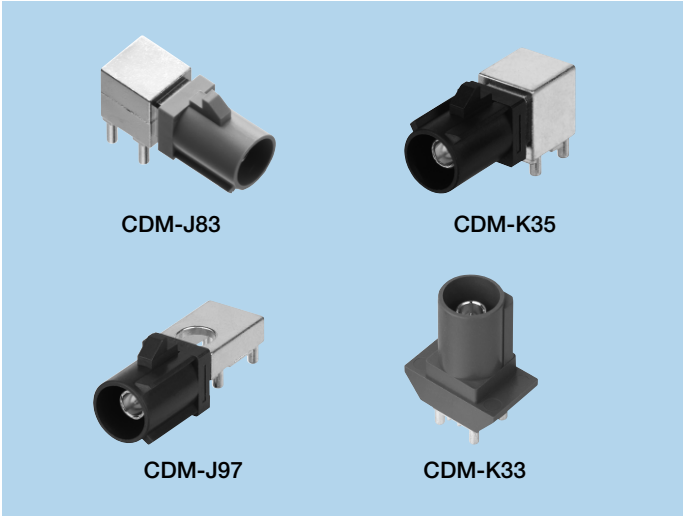
FAKRA Connector (Die casting type)
CDM-J83, CDM-K35, CDM-J97, CDM-K33

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.



HOW TO ORDER

1. CDM-J83

J83 - 001 - 230 - ANBAA - □
1 2

1 Series No. (J83)
2 Coding (A~Z)

2. CDM-K35

K35 - 002 - 230 - ANBAA - □
1 2

1 Series No. (K35)
2 Coding (A~Z)

3. CDM-J97

J97 - 002 - 230 - ANAAA - □
1 2

1 Series No. (J97)
2 Coding (A~Z)

4. CDM-K33

K33 - 002 - 230 - ANAAA - □
1 2

1 Series No. (K33)
2 Coding (A~Z)

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• 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.

SPECIFICATIONS

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	≦25N
Total Withdrawal Force	≦25N

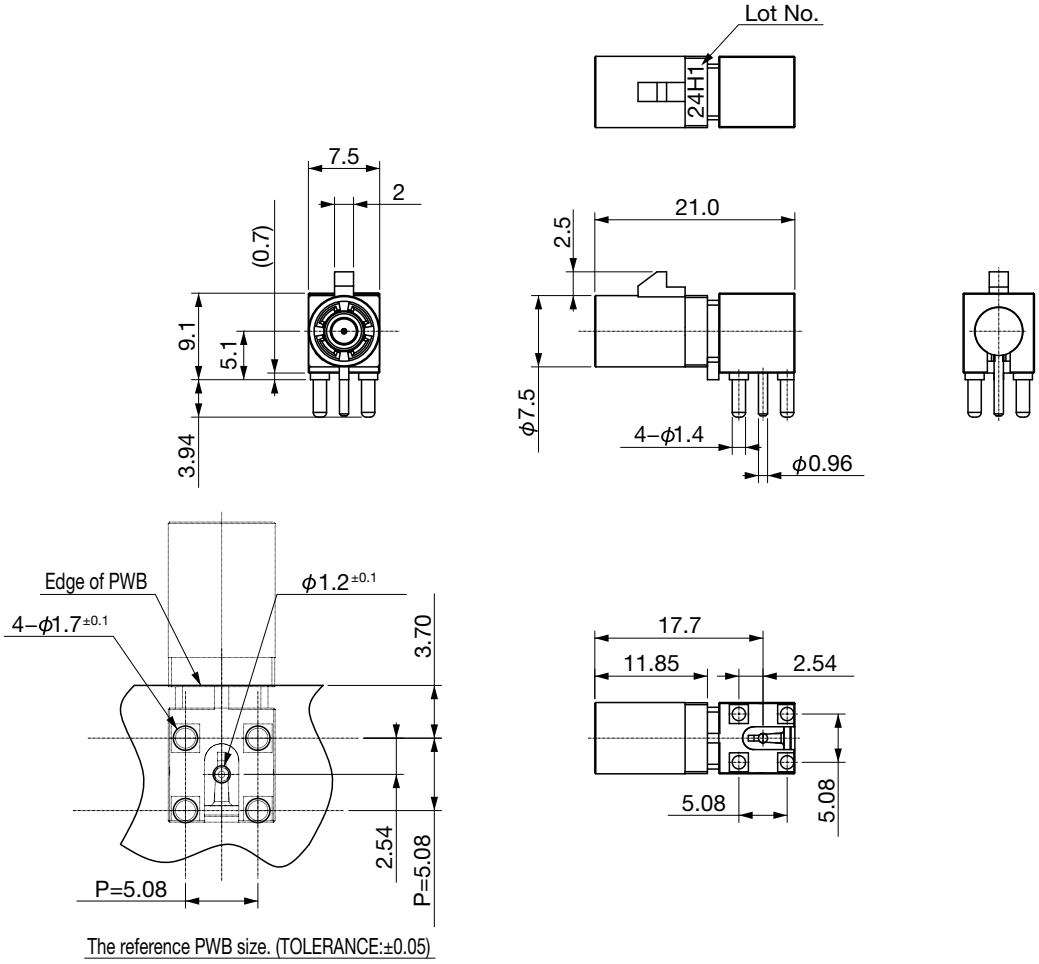
MATERIAL & FINISH

Component Parts		Material	Finish
CDM-J83 Die casting type	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Lid	Copper alloy	Ni plating
	Cover	Thermoplastic resin	Color : depend each work item
CDM-K35 Die-casting PIP	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Cover	Thermoplastic resin	Color : depend each work item
CDM-J97 Low height	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Cover	Thermoplastic resin	Color : depend each work item
CDM-K33 Straight type with CAP	Contact Pin	Copper alloy	Gold plating
	Housing	LCP resin	Natural
	Shell	Zinc alloy	Ni plating
	Cap	LCP resin	Black
	Cover	Thermoplastic resin	Color : depend each work item

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DIMENSIONS

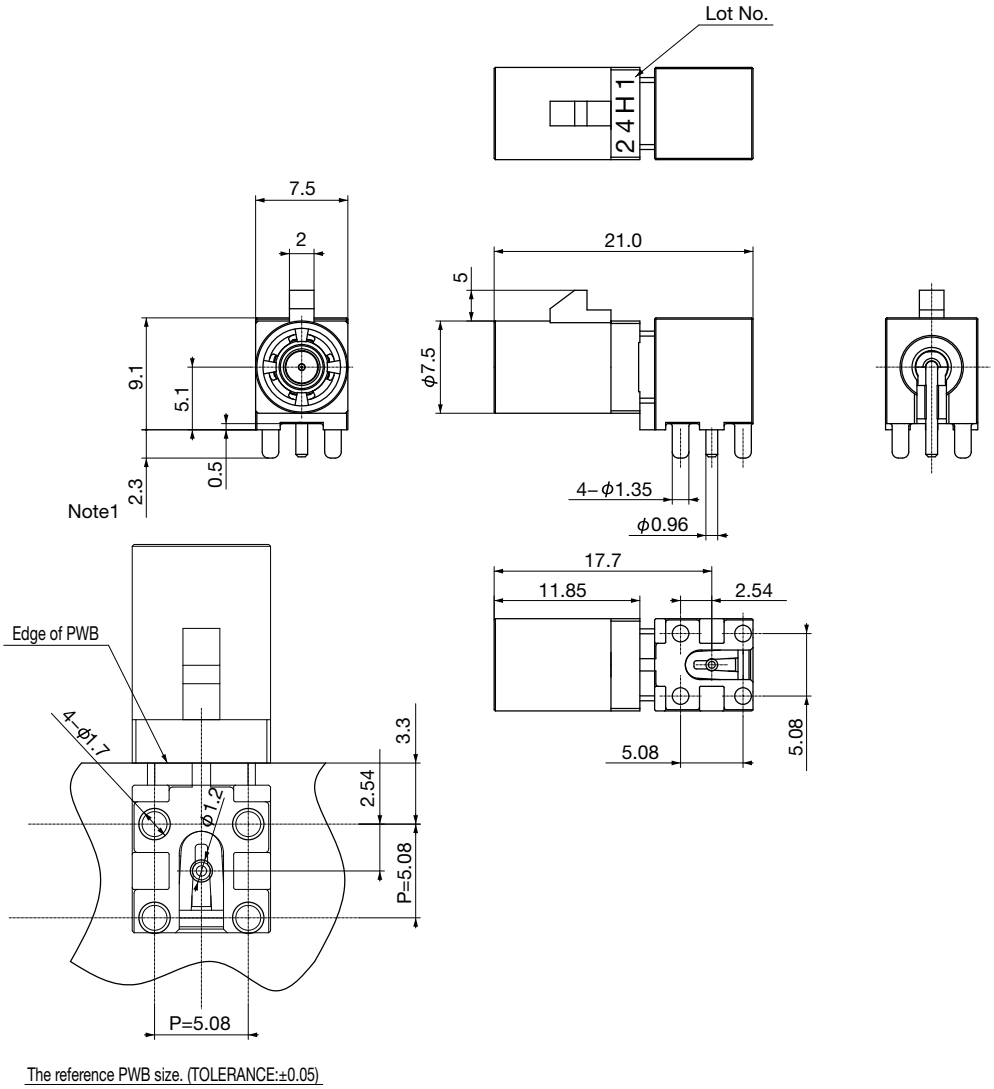
CDM-J83



Unit : mm

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CDM-K35

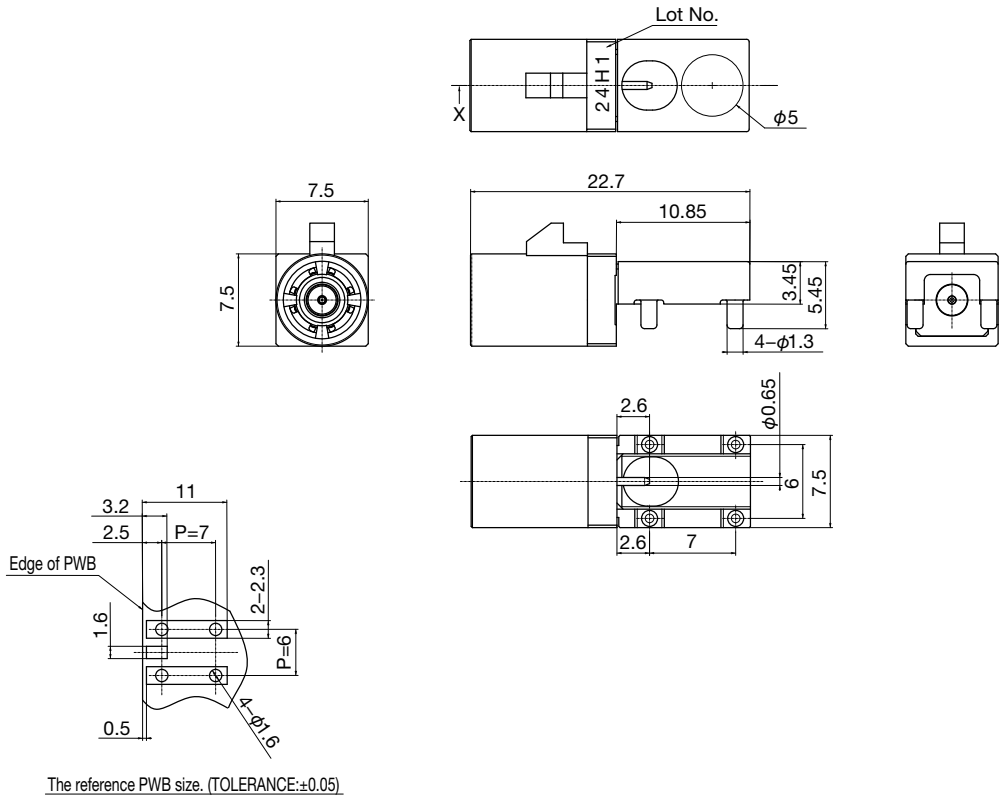


The reference PWB size. (TOLERANCE:±0.05)

Note1 : Soldering lead 3mm type is also available

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CDM-J97

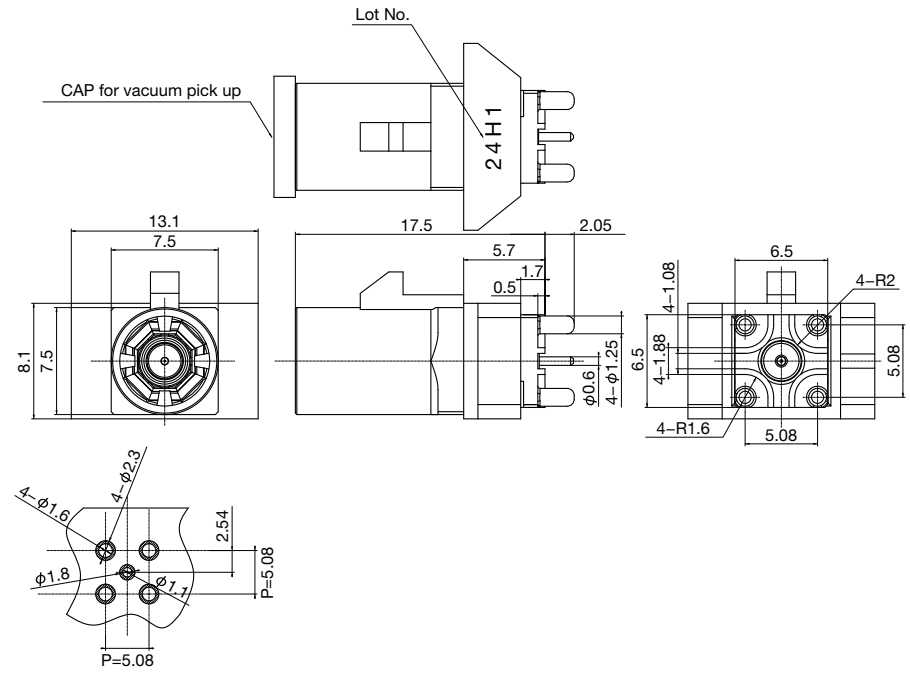


The reference PWB size. (TOLERANCE:±0.05)

Unit : mm

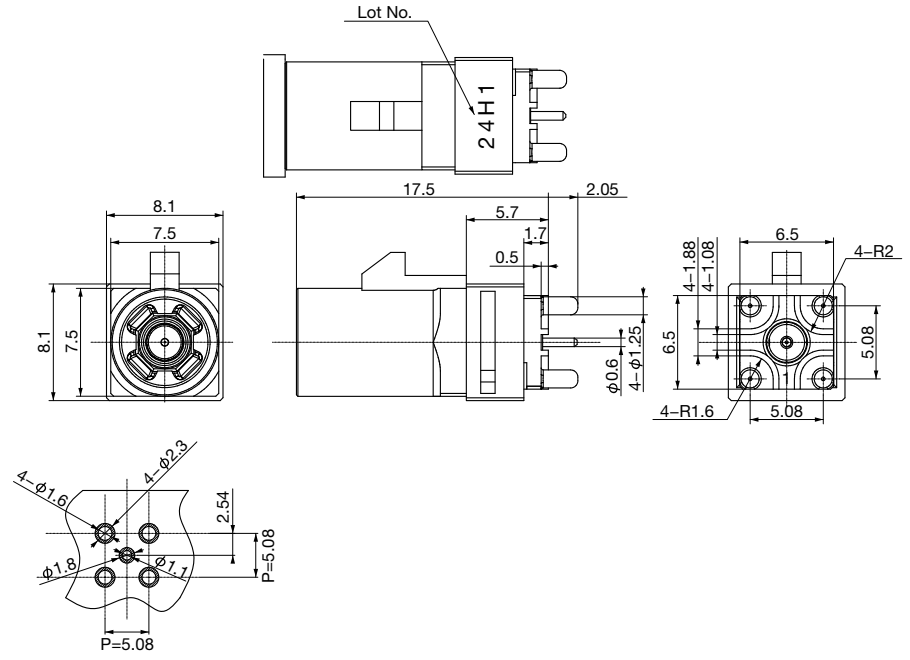
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CDM-K33



The reference PWB size. (TOLERANCE:±0.05)

CDM-K33N



The reference PWB size. (TOLERANCE:±0.05)

Unit : mm

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