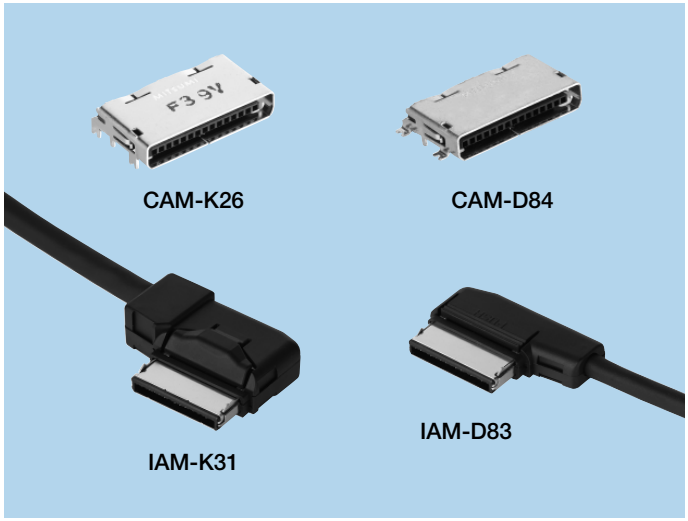
Low profile IF Connector
CAM-K26, D84, IAM-K31, D83

FEATURES

1. The mounting height on a board is desighed to be 4.4mm so that this connector can be used in a low-profile device.
2. The metal lock mechanism is adapted to securely fit this connector into a target device.
3. The GND pin of the connector to be connected to a board is designed to support surface mounting or a through-hole.
4. Two types of connectors, a low-profile type and a thick-wire type, are provided as a connector to be connected to a cable.



HOW TO ORDER

1. Receptacle

K26 - 015 - 230 - AGGAA
1 2

1 Series No. (K26 : Through-hole type, D84 : SMD type)
2 No. of contacts (015 : 15pins)

2. Cable plug

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1 2 3

1 Series No. (K31 : Thick-wire type, D83 : Low-profile type)
2 No. of contacts (015 : 15pins)
3 Number of specification

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	24V DC
Rated Current	0.5A(1A up to pin 2)
Withstanding Voltage	500V AC(rms)1minute
Insulation Resistance	100MΩ min. (100V DC)
Contact Resistance	100mΩ max.

MECHANICAL CHARACTERISTICS

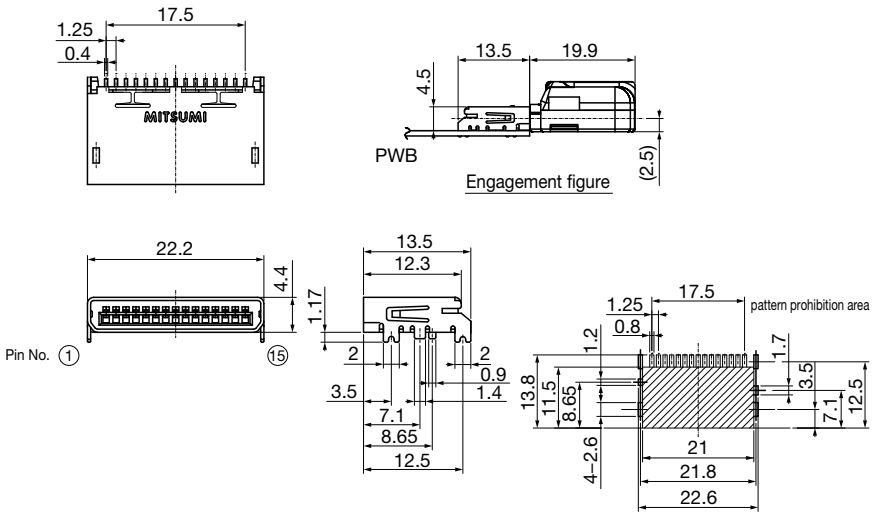
Life (Matching Cycle)	1,000 times
Total Insertion Force	30N max.
Total Withdrawal Force	30N max. (Except locking strength)
Using Temperature Range	–30~+85°C

MATERIAL & FINISH

Component Parts		Material	Finish
CAM-K26 CAM-D84	Housing	Thermo resin	(Black)
	Shield Case	Stainless	Ni plating
	Contact Pin	Copper alloy	Gold plating
IAM-K31 IAM-D83	Housing	Resin	(Black)
	Contact Pin	Copper alloy	Gold plating
	Upper Shield	Stainless	–
	Lower Shield	Copper alloy	Ni plating
	Lock Pin	Stainless	–
	Case	Resin	(Black)
	Clamper	Steel	Plating steel plate

DIMENSIONS

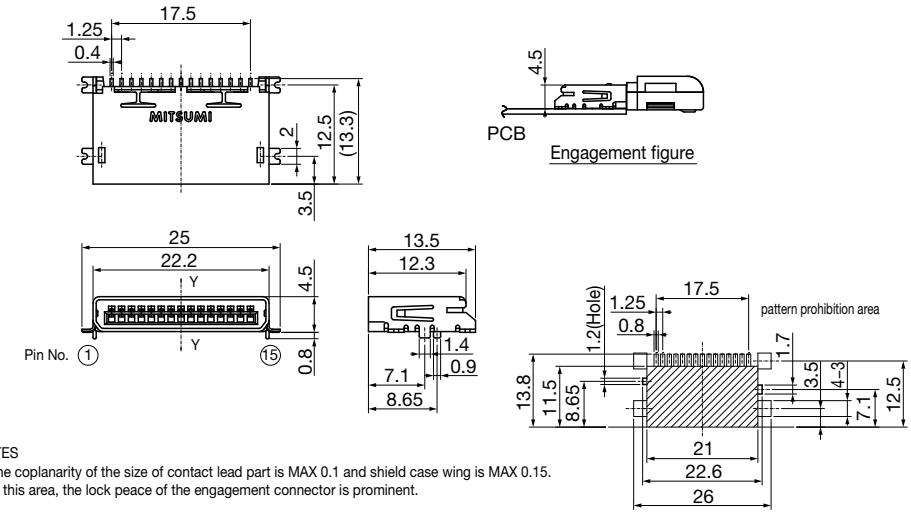
CAM-K26



NOTES
1) The coplanarity of the size of contact lead part is MAX 0.1.
2) In this area, the lock peace of the engagement connector is prominent.

Recommended assembly size
Reference (Tolerance : ±0.05)

CAM-D84

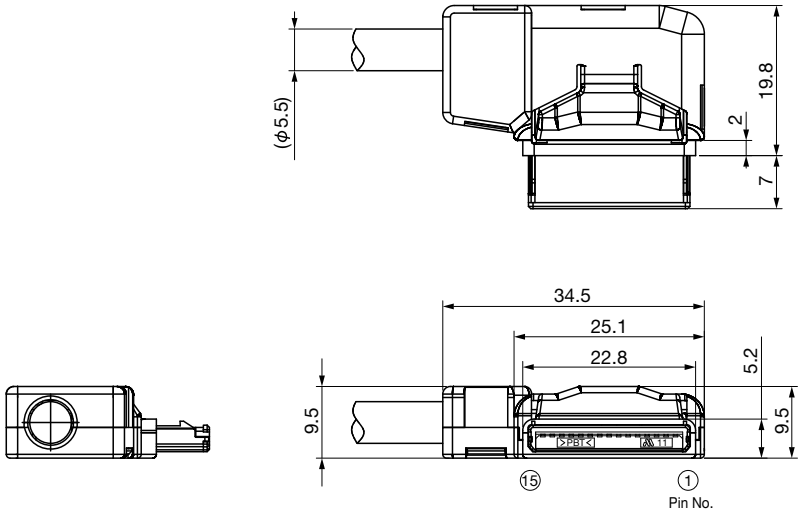


NOTES
1) The coplanarity of the size of contact lead part is MAX 0.1 and shield case wing is MAX 0.15.
2) In this area, the lock peace of the engagement connector is prominent.

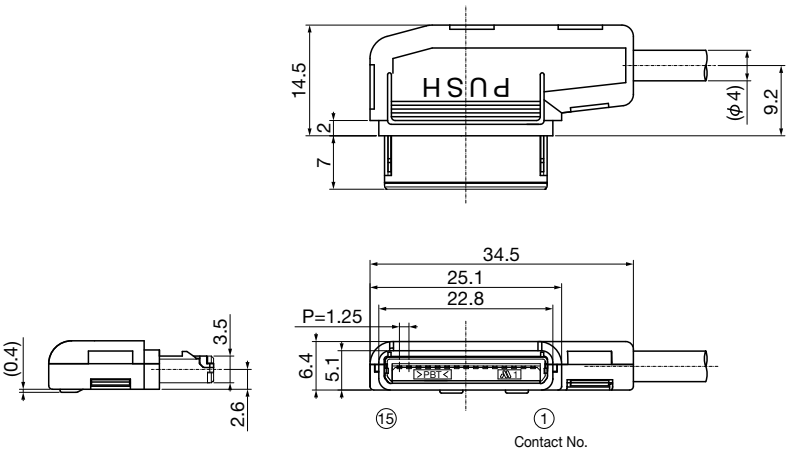
Recommended assembly size
Reference (Tolerance : ±0.05)

Unit : mm

IAM-K31



IAM-D83



Unit : mm