

Circular DIN Connectors

IBC-161, 171, 171B

Connectors

FEATURES

1. These are "DIN" type circular connectors.
Angle type (IBC-171) and straight type (IBC-161) are available.
2. Locking device on the connector permits reliable mating. The locking can be released easily with slider.
3. These can be used as an interface cable for Car Audio equipment and other application.



HOW TO ORDER

1. IBC-161
(Straight Plug/Socket Cable Ass'y)

161-13-
1 2 3

- 1 Series No.
- 2 No. of contacts (13 : 13pins)
- 3 Product Specifications
(0179P : Plug, 0180S : Socket)

2. IBC-171
(Angle Plug Cable Ass'y)

171-13-1126P
1 2 3

- 1 Series No.
- 2 No. of contacts (13 : 13pins)
- 3 Product Specifications

3. IBC-171B
(Angle Plug Cable Ass'y)

171B-13-0005PA
1 2 3

- 1 Series No.
- 2 No. of contacts (13 : 13pins)
- 3 Product Specifications

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

| | |
|-----------------------|-------------------------|
| Rated Voltage | 30V DC |
| Rated Current | 1A |
| Withstanding Voltage | 100V AC |
| Insulation Resistance | 100MΩ min. (at 500V DC) |
| Contact Resistance | 30mΩ max. |

MECHANICAL CHARACTERISTICS

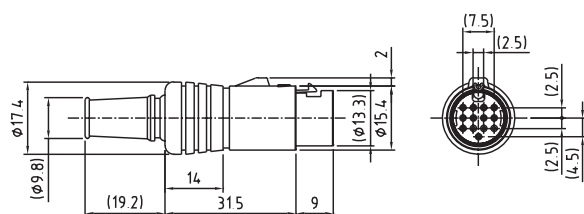
| | |
|------------------------|-------------------------------------|
| Life (Matching Cycle) | 200 times |
| Total Insertion Force | 49N (5kgf) max. |
| Total Withdrawal Force | 0.65~5kgf (161, 171) /98~49N (171B) |

MATERIAL & FINISH

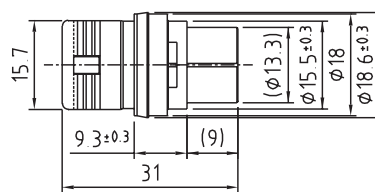
| Component Parts | | Material | Finish |
|-----------------|----------------|--------------|----------------|
| IBC-161 | Housing | PBT resin | — |
| | Cover | 6 Nylon | — |
| | Plug Contact | Copper Alloy | Silver plating |
| | Socket Contact | Phos. Bronze | Silver plating |
| | Shielded Case | Copper Alloy | Nickel plating |
| IBC-171 | Housing | PBT resin | — |
| | Cover | PBT resin | — |
| | Plug Contact | Copper Alloy | Silver plating |
| | Shielded Case | Copper Alloy | Nickel plating |
| IBC-171B | Housing | PBT resin | — |
| | Cover | PBT resin | — |
| | Plug Contact | Copper Alloy | Silver plating |
| | Shielded Case | Copper Alloy | Nickel plating |

DIMENSIONS

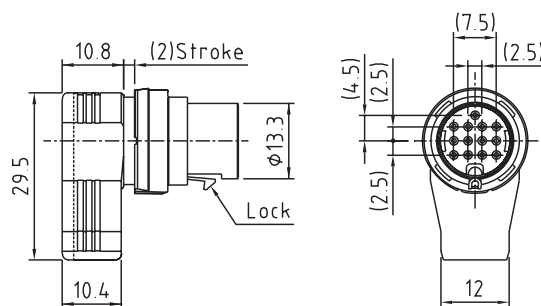
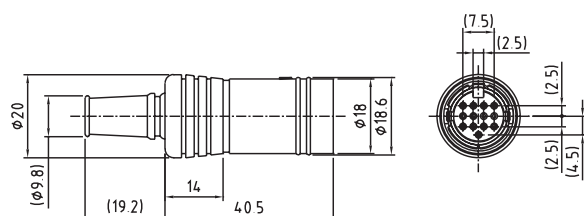
IBC-161 Straight Plug Assembly



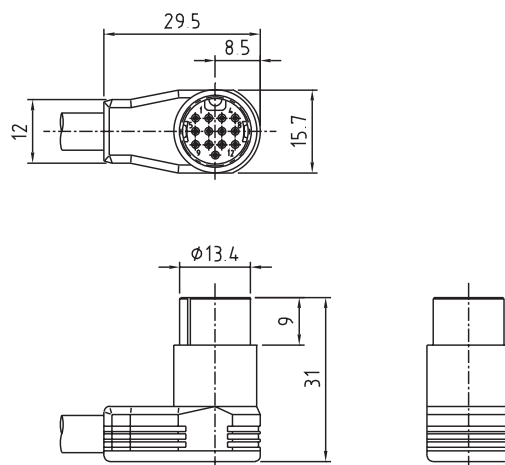
IBC-171 Straight Plug Assembly



IBC-161 Straight Socket Assembly



IBC-171B



Unit : mm