

Circular DIN Connectors IBC-161, 171, 171B

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

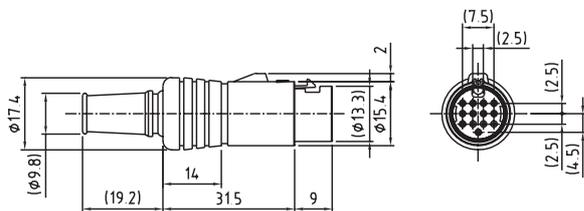
Life (Matching Cycle)	200 times
Total Insertion Force	49N (5kgf) max.
Total Withdrawal Force	0.65~5kgf (161, 171) /98~49N (171B)

MATERIAL & FINISH

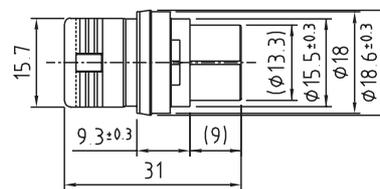
Component Parts		Material	Finish
IBC-161	Housing	PBT resin	—
	Cover	6 Nylon	—
	Plug Contact	Copper Alloy	Silver plating
	Socket Contact	Phos. Bronze	Silver plating
	Shielded Case	Copper Alloy	Nickel plating
IBC-171	Housing	PBT resin	—
	Cover	PBT resin	—
	Plug Contact	Copper Alloy	Silver plating
	Shielded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

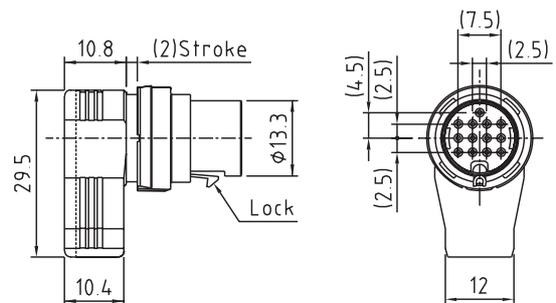
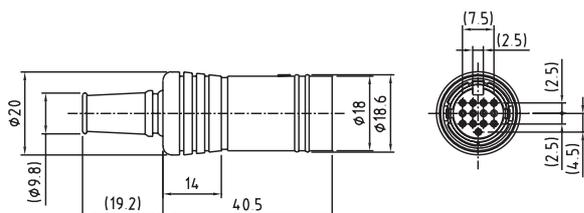
IBC-161 Straight Plug Assembly



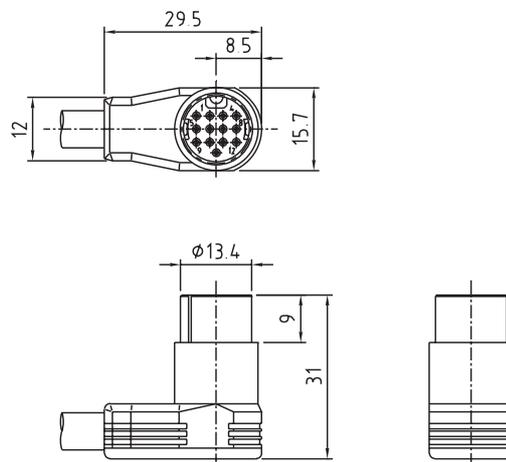
IBC-171 Straight Plug Assembly



IBC-161 Straight Socket Assembly



IBC-171B



Unit : mm