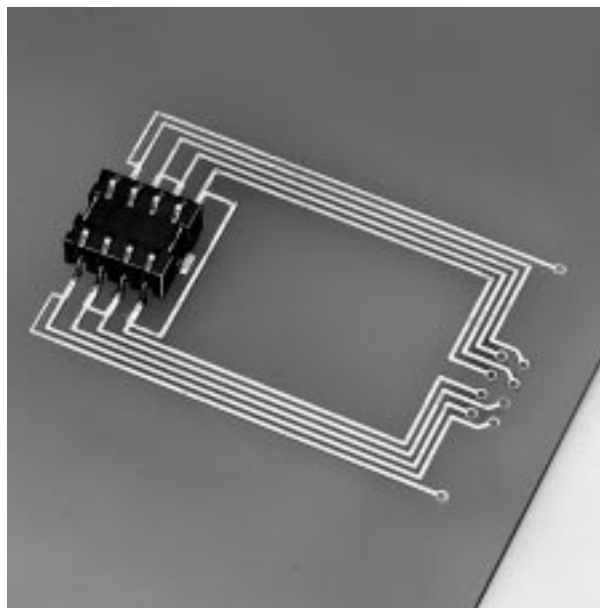
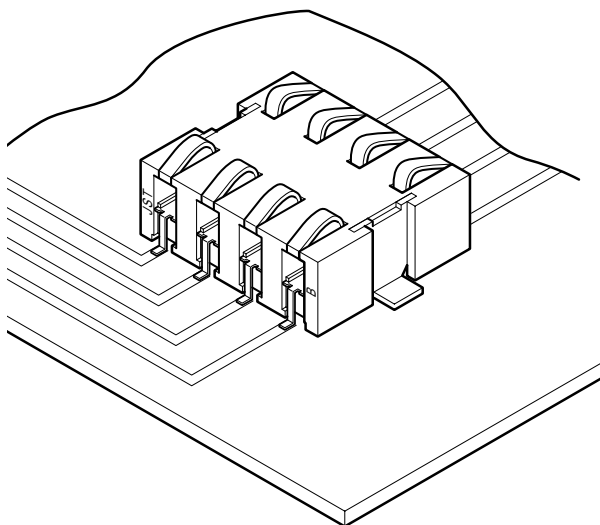


ICC CONNECTOR

8-circuit smart card connectors



The ICC connector is designed to be accommodated within IC card reading/writing devices. The market for IC cards is rapidly expanding and replacing magnetic cards. The ICC connector is compatible with IC cards which conform to ISO7816.



Features

• Compact

The ICC connector has been specifically compactly designed to meet the restrictions involved with high-density mounting.

• High durability

The combination of the high technology used in the development of the material, and the contact design itself, guarantees the ICC connector for 100,000 mating cycles. (Model no. ICC-8SS80-316-TN)

• Embossed tape for automatic mounting

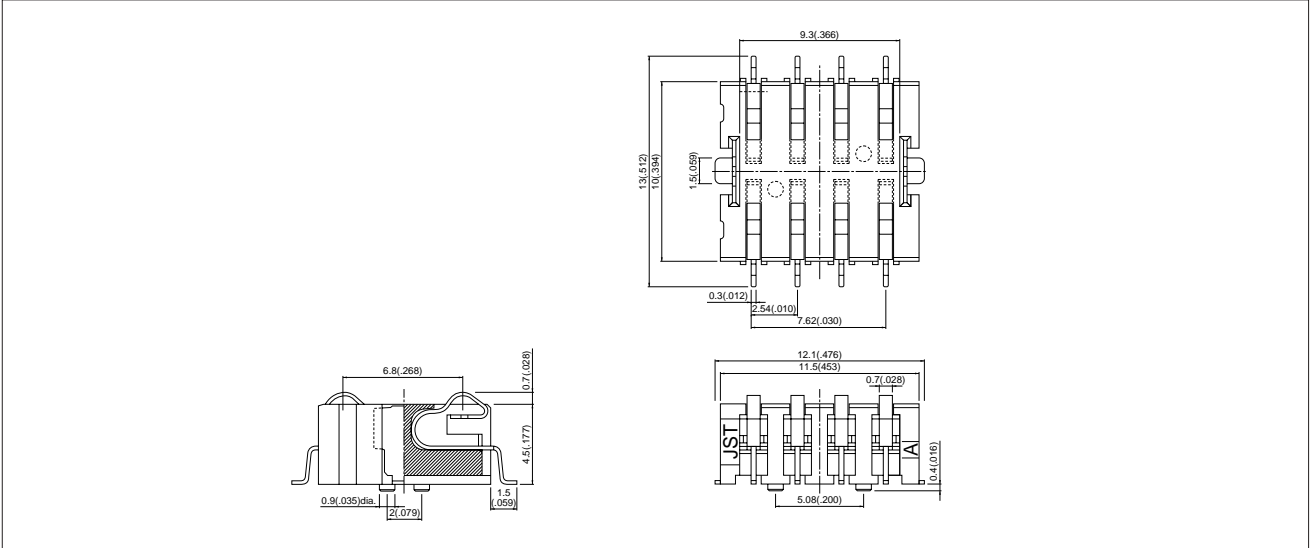
This connector can be supplied in embossed tape packaging, for mounting by automatic placement machines.

Specifications

- Current rating: 0.5A AC, DC
 - Voltage rating: 125V AC, DC
 - Temperature range: -55°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/30mΩ max.
After environmental testing/50m Ω max.
 - Withstanding voltage: 500V AC/minute
 - Insulation resistance: 1000MΩ min.
- * Contact JST for details.

ICC CONNECTOR

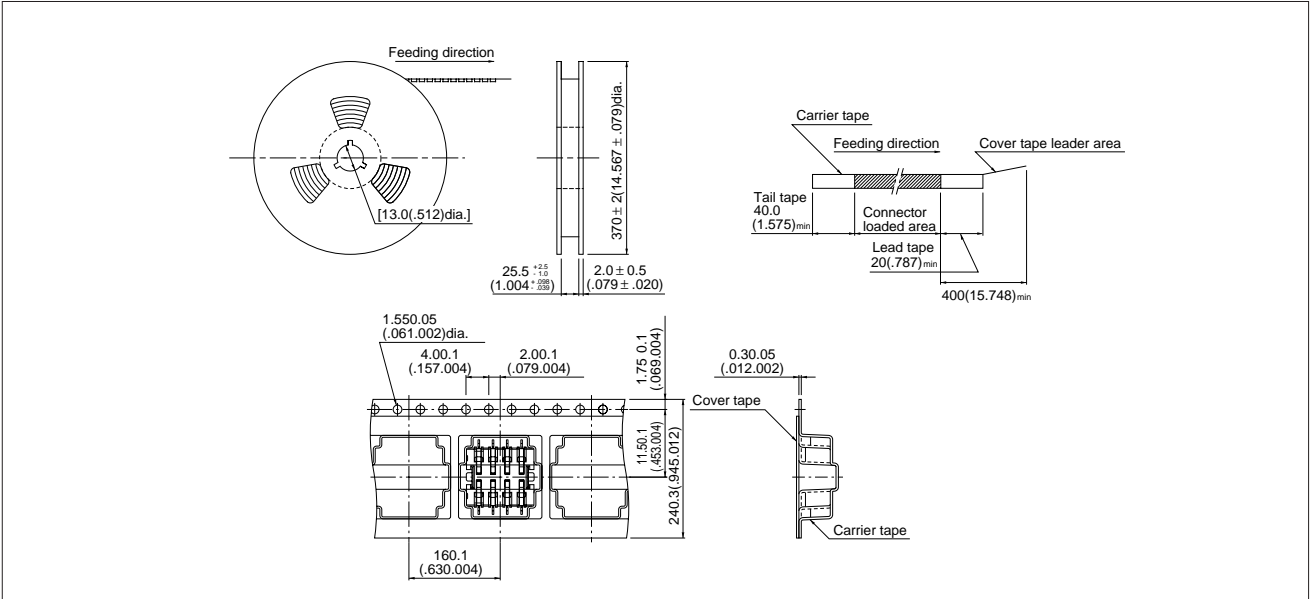
Connector



Model No.	Material and Finish	Q'ty / reel	Guaranteed mating / unmating life
ICC-8SS80-316-TN	Contact: Cladding Mating section...Gold-Cladding Solder tail...Tin/lead-plated Housing: PPS, UL94V-0, white Solder tab: Copper-alloy, copper-undercoated tin/lead-plated	800	100,000
ICC-8SS15-214L-TN	Contact: Copper alloy, nickel-undercoated Mating section...Gold-plated Solder tail...Tin/lead-plated Housing: PPS, UL94V-0, brown Solder tab: Copper-alloy, copper-undercoated tin/lead-plated	800	30,000
ICC-8SS14-TN	Contact: Copper alloy, nickel-undercoated Mating section...Gold-plated Solder tail...Tin/lead-plated Housing: PPS, UL94V-0, black Solder tab: Copper-alloy, copper-undercoated tin/lead-plated	800	10,000

Note: The products listed above are supplied on embossed-tape.

Taping specifications



ICC CONNECTOR

PC board layout (viewed from component side)

(For reference)

