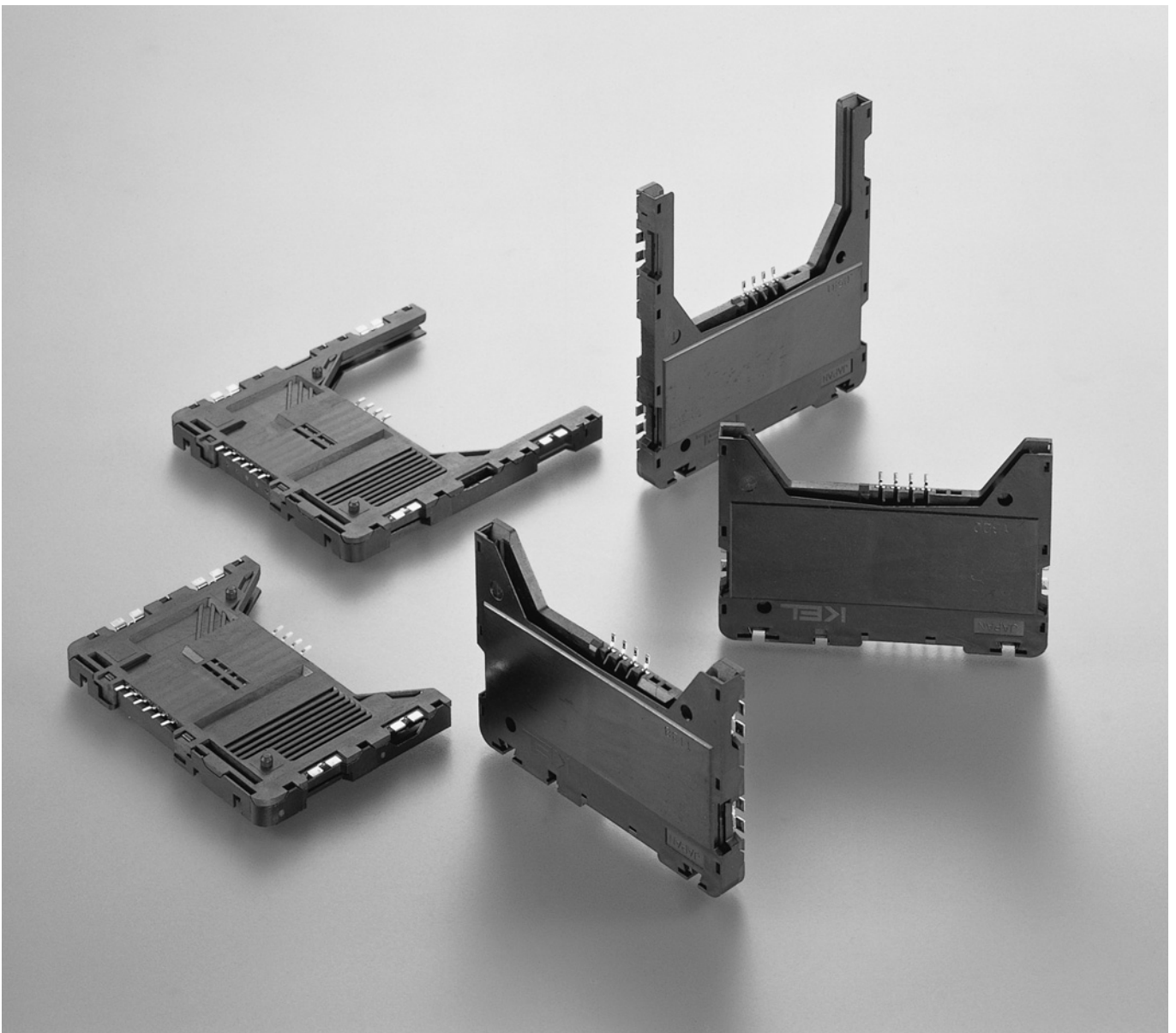
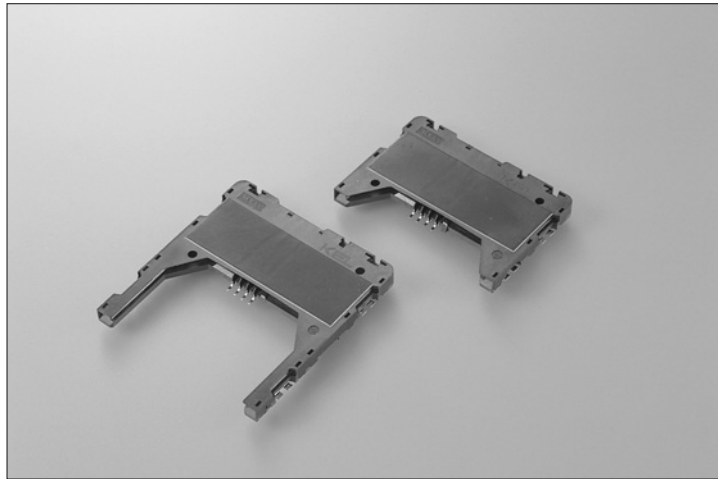


ISO IC Card (Smart Card) Connectors Landing Contact Type

ISC3 SERIES





FEATURES

- Simple structure
(Composed of fewer parts than other manufactures)
- Original "Seesaw" contact design
- Ultra low profile with 5.3mm (0.209") height
- With card detection switch
- High durability for IC card insertion/withdrawal
(200,000 times min. guaranty)
- SMT terminals
- With positioning posts and retention clips

SPECIFICATIONS

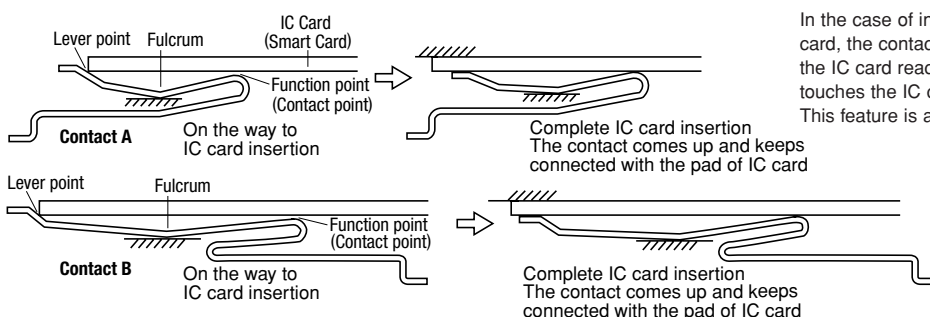
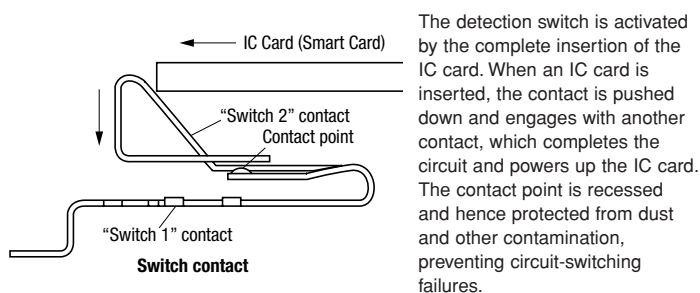
- Insulator material : Base ; Glass-filled LCP (UL 94V-0), Black
Cover ; Glass-filled PPS (UL 94V-0), Black
- Contact material : Copper alloy
- Contact plating :
Contact area ; 0.38 μ m min. Gold over Nickel
Terminal area ; 2 μ m min. Tin alloy over Nickel
- Detection switch : Copper alloy
- Switch plating :
Contact area ; 0.38 μ m min. Gold over Nickel
Terminal area ; 2 μ m min. Tin alloy over Nickel
- Retention clip : Copper alloy
- Clip plating : 2 μ m min. Tin alloy over Nickel
- Current rating :
Contact ; 1A per contact
Detection switch ; 0.1mA to 50mA (0.2VA max.)
- Contact resistance : Contact ; 40m Ω max.
Detection switch ; 100m Ω max.
- Dielectric withstanding voltage : 1,000V AC for 1 minute
- Insulation resistance : 1,000M Ω min. at 500V DC
- Operating temperature : -55°C to +105°C

ORDER CODE

ISC3-08

- Guide type
S : Short
L : Long
- Number of contacts
08 : 8 pin
- Series name
ISC3 : Landing contact type for ISO IC card
(Smart card) connector
(Conforms to ISO/IEC 7816 standards)

"SEESAW" CONTACT CONCEPT

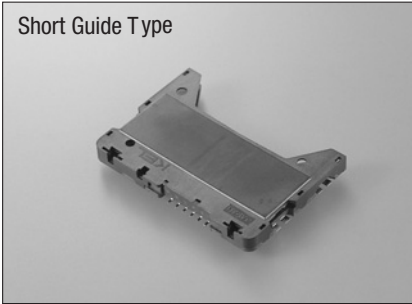


ISC3 series is composed of a combination of Contact A (outside) and Contact B (inside).

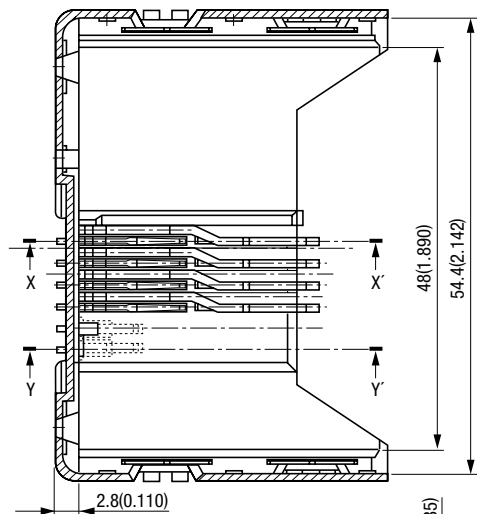
ISC3-08S (Short Guide Type)

Unit:mm(inch)

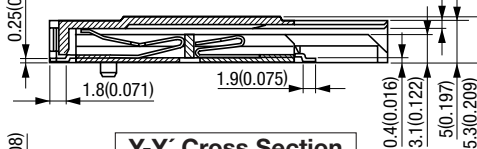
Short Guide Type



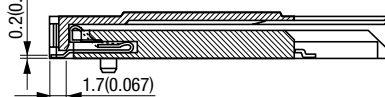
Z-Z' Cross Section



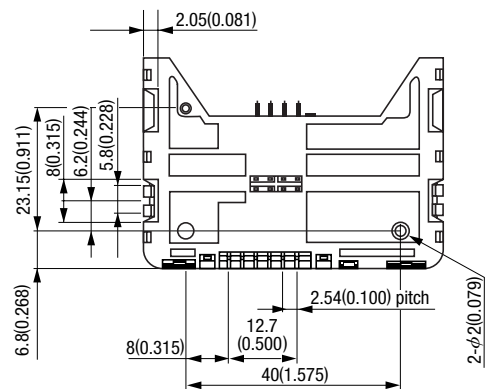
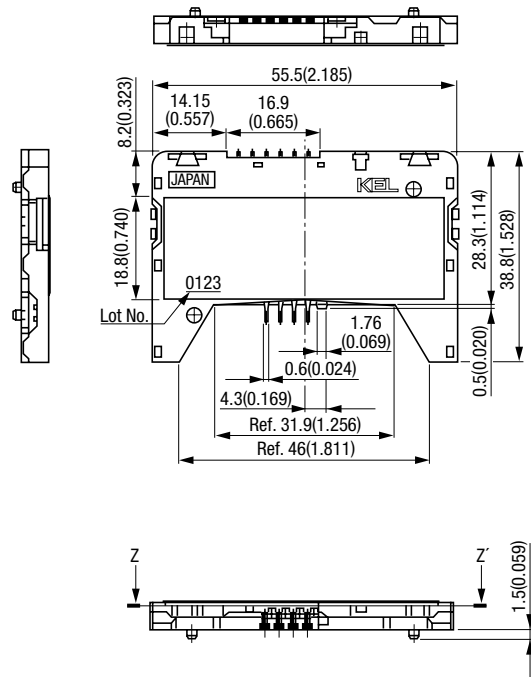
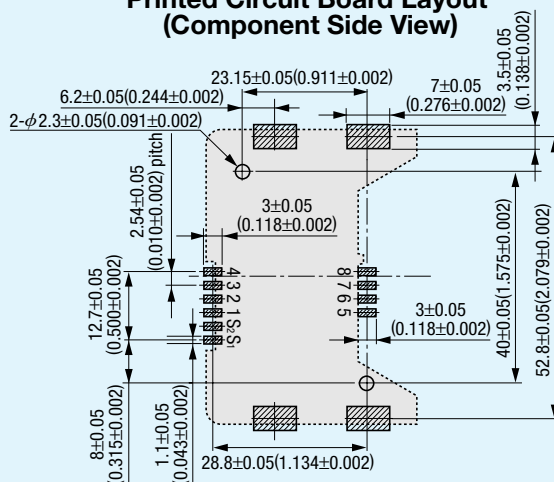
X-X' Cross Section



Y-Y' Cross Section

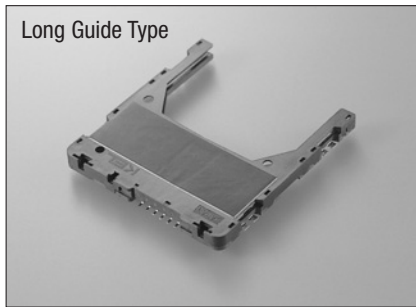


Printed Circuit Board Layout
(Component Side View)

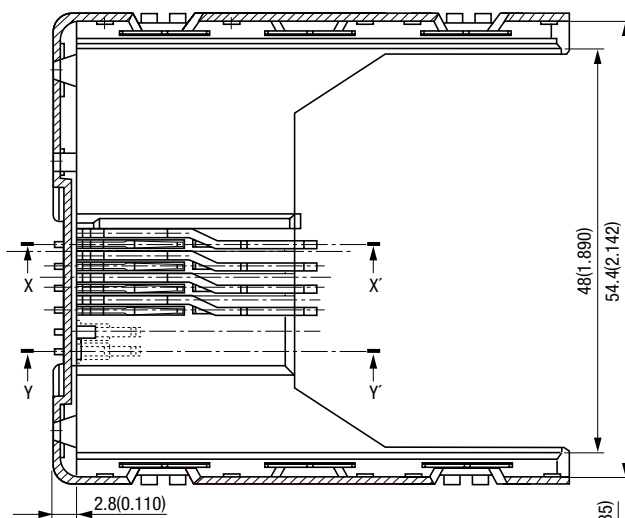
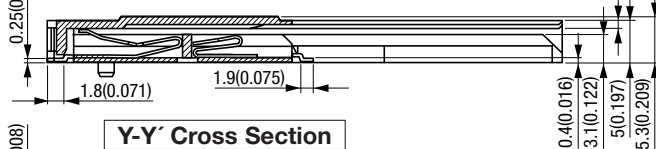
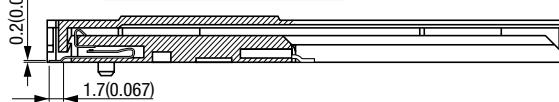
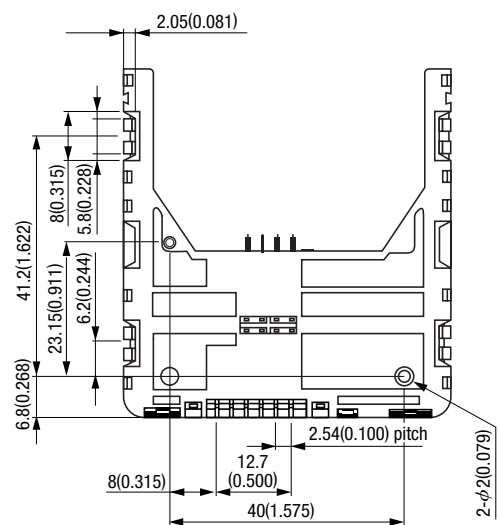
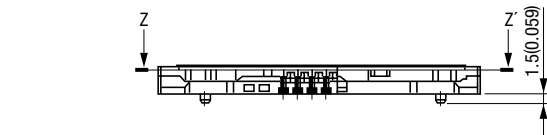
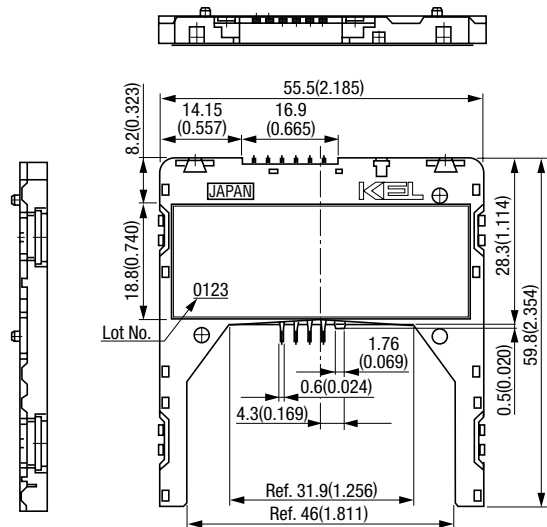
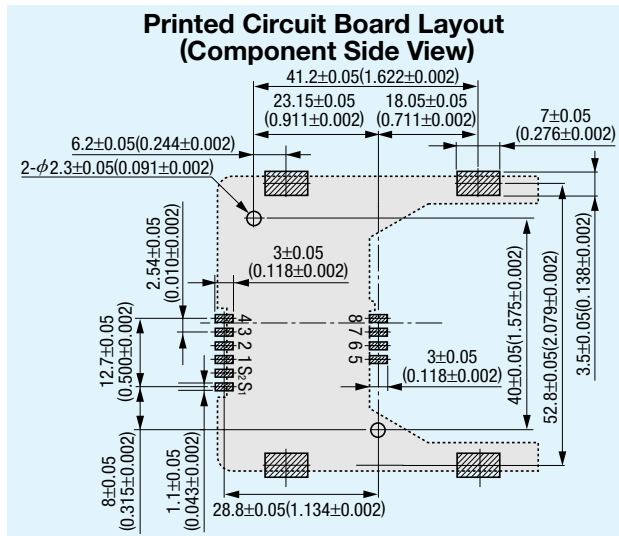


ISC3-08L (Long Guide Type)

Unit:mm(inch)



Long Guide Type

Z-Z' Cross Section

X-X' Cross Section

Y-Y' Cross Section

Printed Circuit Board Layout (Component Side View)


Specifications and dimensions are subject to change without notice.