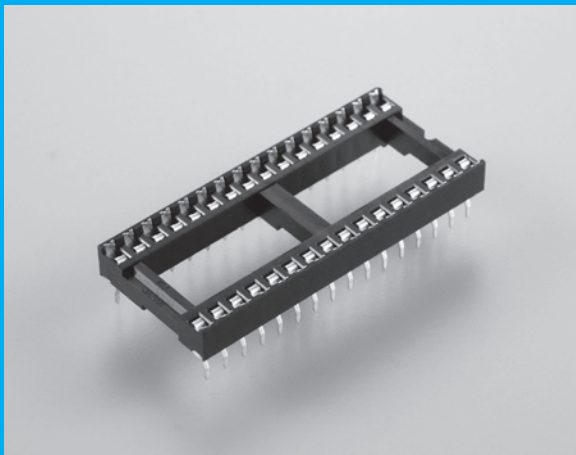


# ICC05 SERIES

## DUAL INLINE CONNECTOR

**RoHS**  
Compliant



### FEATURES

- ▶ Low profile 4.4mm(0.173").
- ▶ Highly-reliable design with two-sided contacts and pre-load configuration in order to assure stable and consistent connection.
- ▶ Closed bottom design to prevent solder wicking.
- ▶ Kinked tails prevent lifting during soldering .
- ▶ Anti-wicking flux type available.

### ORDER CODE

**ICC05-**          **-360 T**    **-F**

①      ②      ③      ④      ⑤

\*Please order in multiples of the quantity per package.

- ① **[Series name]** ICC05
- ② **[Number of contacts]** 008 : 8pin 014 : 14pin 016 : 16pin 018 : 18pin 020 : 20pin 022 : 22pin 024 : 24pin 028 : 28pin 032 : 32pin 040 : 40pin 042 : 42pin
- ③ **[Contact name]** 360
- ④ **[Anti-wicking flux]** T : Standard TP : Anti-wicking flux type
- ⑤ **[RoHS]** F : RoHS compliant

### ORDER CODE

**ICC05-**          **-360 G**   

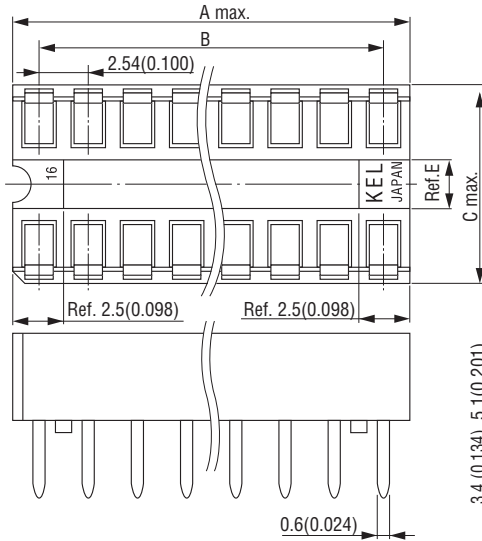
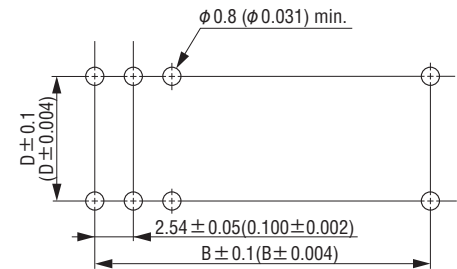
①      ②      ③      ④      ⑤

\*Please order in multiples of the quantity per package.

- ① **[Series name]** ICC05
- ② **[Number of contacts]** 008 : 8pin 014 : 14pin 016 : 16pin 018 : 18pin 020 : 20pin 022 : 22pin 024 : 24pin 028 : 28pin 032 : 32pin 040 : 40pin 042 : 42pin
- ③ **[Contact name]** 360
- ④ **[Contact plating]** G : Gold plating (RoHS compliant)
- ⑤ **[Anti-wicking flux]** Omit : Standard P : Anti-wicking flux type

### SPECIFICATIONS

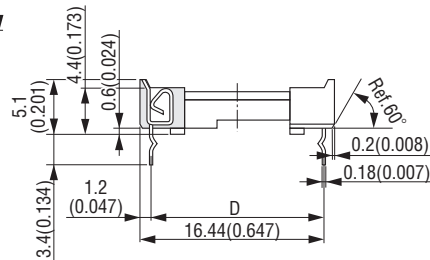
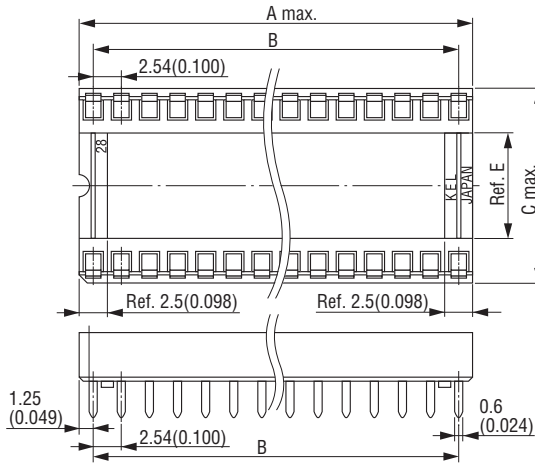
| Material and plating |                                                            | Electrical Characteristics      |                        |
|----------------------|------------------------------------------------------------|---------------------------------|------------------------|
| Insulator material   | Glass-filled PBT(UL94V-0)                                  | Current rating                  | 1A per contact         |
|                      |                                                            | Contact resistance              | 20mΩ max.              |
| Contact material     | Copper alloy                                               | Dielectric withstanding voltage | 1,000V AC for 1minute  |
|                      |                                                            | Insulation resistance           | 5000MΩ min. at 500V DC |
| Contact plating      | [360T□-F] Pure tin over Nickel<br>[360G□] Gold over Nickel | Insertion force                 | 4.45N max./pin         |
|                      |                                                            | Withdrawal force                | 0.139N min./ pin       |
|                      |                                                            | Operating temperature           | -20°C to +70°C         |

**8,14,16,18,20,22pin**

**Printed Circuit Board Layout (Component Side View)**

**Insulator Configuration**

8,14,16,18,  
20,22,24 pins

28, 32 pins

40, 42 pins

**24,28,32,40,42pin**


Packaging style

Pipe

**Product Table / Dimensions**

| No. of contacts | Part Number       | A                | B                | C                | D                | (E)            | Number of packaging |
|-----------------|-------------------|------------------|------------------|------------------|------------------|----------------|---------------------|
| 8               | ICC05-008-360□□-□ | 10.16<br>(0.400) | 7.62<br>(0.300)  | 10.16<br>(0.400) | 7.62<br>(0.300)  | 2.6<br>(0.102) | 50                  |
| 14              | ICC05-014-360□□-□ | 17.78<br>(0.700) | 15.24<br>(0.600) | 10.16<br>(0.400) | 7.62<br>(0.300)  | 2.6<br>(0.102) | 28                  |
| 16              | ICC05-016-360□□-□ | 20.32<br>(0.800) | 17.78<br>(0.700) | 10.16<br>(0.400) | 7.62<br>(0.300)  | 2.6<br>(0.102) | 25                  |
| 18              | ICC05-018-360□□-□ | 22.86<br>(0.900) | 20.32<br>(0.800) | 10.16<br>(0.400) | 7.62<br>(0.300)  | 2.6<br>(0.102) | 22                  |
| 20              | ICC05-020-360□□-□ | 25.40<br>(1.000) | 22.86<br>(0.900) | 10.16<br>(0.400) | 7.62<br>(0.300)  | 2.6<br>(0.102) | 20                  |
| 22              | ICC05-022-360□□-□ | 27.94<br>(1.100) | 25.40<br>(1.000) | 12.70<br>(0.500) | 10.16<br>(0.400) | 4.7<br>(0.185) | 18                  |
| 24              | ICC05-024-360□□-□ | 30.48<br>(1.200) | 27.94<br>(1.100) | 17.68<br>(0.700) | 15.24<br>(0.600) | 9.4<br>(0.370) | 16                  |
| 28              | ICC05-028-360□□-□ | 35.56<br>(1.400) | 33.02<br>(1.300) | 17.68<br>(0.700) | 15.24<br>(0.600) | 9.4<br>(0.370) | 14                  |
| 32              | ICC05-032-360□□-□ | 40.64<br>(1.600) | 38.10<br>(1.500) | 17.68<br>(0.700) | 15.24<br>(0.600) | 9.4<br>(0.370) | 12                  |
| 40              | ICC05-040-360□□-□ | 50.80<br>(2.000) | 48.26<br>(1.900) | 17.68<br>(0.700) | 15.24<br>(0.600) | 9.4<br>(0.370) | 10                  |
| 42              | ICC05-042-360□□-□ | 53.34<br>(2.100) | 50.80<br>(2.000) | 17.68<br>(0.700) | 15.24<br>(0.600) | 9.4<br>(0.370) | 9                   |