

### SUMMARY

As IC electronic packaging progresses towards further LSI/VLSI technology, KEL Corp. has met this challenge by developing a new 70mil Shrink IC socket.

Kel has again incorporated a high reliability and quality design also available in the first generation (ICC05 Socket)

### FEATURES

- Double beam stamped and formed contacts
- Up to 50% saving on PCB real estate
- Closed bottom design to prevent solder wicking
- Low profile design
- Anti-wicking sealant available
- RoHS compliance

### SPECIFICATIONS

- Current rating : 1A per contact
- Contact resistance : 20mΩ max.
- Dielectric withstanding voltage : 800V AC for 1 minute
- Insulation resistance : 5,000MΩmin. at 500V DC
- Insertion force : 454g max./pin
- Withdrawal force : 14.17g max./pin
- Operating temperature : -20°C ~+70°C

### MATERIAL

- Insulator : Glass-filled P.B.T. (UL94V-0)
- Contact material : Copper alloy
- Contact plating : 361T□-F ; Pure tin  
361G; Gold over Nickel

### ORDER CODE

**SIC01-□□-361□-F**

• Series name

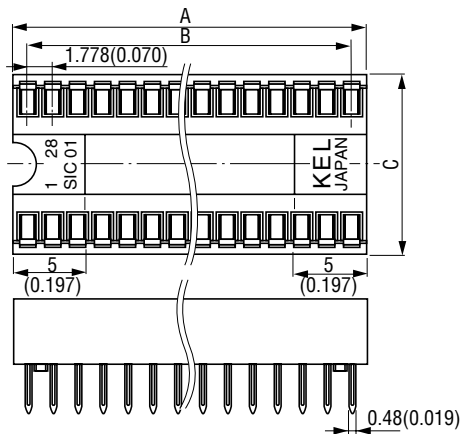
- Terminal style  
361T : tin/lead plating  
361G : gold/lead plating(64pin only)

- No. of contacts  
028,040,042,056,064

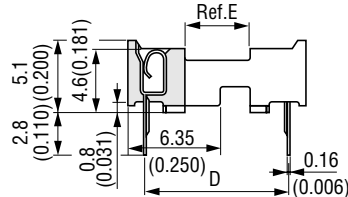
• F : RoHS Compliance

• Omit for standard  
P : Epoxy sealant

### Dimensions



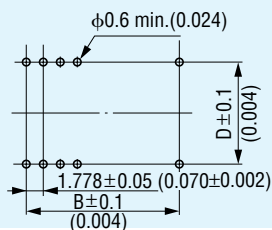
### Cross Section



Unit:mm(inch)

Schareggstrasse 3, CH-5506 Mägenwil  
Tel. +41 62 896 00 48, Fax. +41 62 896 25 80  
info@admater.ch, www.admater.ch

### PC Board Pattern



### Dimensions

No. of contacts	A	B	C	D	E
28	25.17 (0.991)	23.114 (0.910)	12.65 (0.498)	10.16 (0.400)	4.22 (0.166)
40	35.84 (1.411)	33.782 (1.330)	17.73 (0.698)	15.24 (0.600)	9.30 (0.366)
42	37.62 (1.481)	35.56 (1.400)	17.73 (0.698)	15.24 (0.600)	9.30 (0.366)
56	50.07 (1.971)	48.006 (1.890)	17.73 (0.698)	15.24 (0.600)	9.30 (0.366)
64	57.18 (2.251)	55.118 (2.170)	21.54 (0.848)	19.05 (0.750)	12.25 (0.482)