

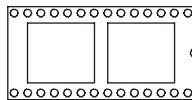
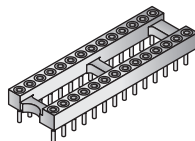
ICE SERIES DIP SOCKETS - SCREW MACHINE, OPEN BODY

Four-finger beryllium copper contacts provide low, stable contact resistance and accept short IC leads
 High retention pin sockets prevent "IC walk-out" during heavy vibration
 Pin socket design prevents solder wicking and flux entrapment



- Side and end stackable
- Insulation Material: Black Polyester Glass Filled
- Flammability: UL94V-0
- Color: Black
- Contact Shell Material: Half Hard Brass
- Contact Clip Material: Beryllium Copper
- Insertion Force: 12 ounces max per contact
- Withdrawal Force: 1.5 ounces min. per contact using .017" dia. pin
- Current Rating: 1.0 A

- Acceptable Pin Sizes: Diameter: .016" - .021" (0.41 mm - 0.53 mm)
 Length: .110" - .150" (2.79 mm - 3.81 mm)
- Contact Resistance: 20 mΩ max
- Dielectric Withstanding Voltage: 500 VAC for 1 minute
- Insulation Resistance: 5000 MΩ min at 500 VDC
- Withstanding Voltage: 650 VAC for 1 minute
- Capacitance: 1 pF max
- Temperature Rating: -65°C to +125°C



For quantities of 200 and up, call for quote.

| MOUSER STOCK NO. | 3M Part No. | No. of Contacts | Row Spacing | Length (In.) | Width (In.) | Pin Dia. (In.) | Board Mtg. Height (In.) | Plating | Price Each | | | |
|--------------------|----------------|-----------------|-------------|--------------|-------------|----------------|-------------------------|------------------------|------------|------|------|------|
| | | | | | | | | | 1 | 25 | 50 | 100 |
| Solder Tail | | | | | | | | | | | | |
| 517-ICE-063-S-TG | ICE-063-S-TG | 6 | 0.300 | 0.295 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .39 | .37 | .34 | .32 |
| 517-ICE-063-S-TG30 | ICE-063-S-TG30 | 6 | 0.300 | 0.295 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .41 | .39 | .36 | .34 |
| 517-ICE-083-S-TG | ICE-083-S-TG | 8 | 0.300 | 0.395 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .21 | .20 | .19 | .18 |
| 517-ICE-083-S-TG30 | ICE-083-S-TG30 | 8 | 0.300 | 0.395 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .23 | .22 | .21 | .20 |
| 517-ICE-143-S-TG | ICE-143-S-TG | 14 | 0.300 | 0.695 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .35 | .33 | .31 | .29 |
| 517-ICE-143-S-TG30 | ICE-143-S-TG30 | 14 | 0.300 | 0.695 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .41 | .39 | .36 | .34 |
| 517-ICE-163-S-TG | ICE-163-S-TG | 16 | 0.300 | 0.795 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .41 | .38 | .35 | .31 |
| 517-ICE-163-S-TG30 | ICE-163-S-TG30 | 16 | 0.300 | 0.795 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .50 | .47 | .42 | .40 |
| 517-ICE-183-S-TG | ICE-183-S-TG | 18 | 0.300 | 0.895 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .45 | .43 | .39 | .37 |
| 517-ICE-183-S-TG30 | ICE-183-S-TG30 | 18 | 0.300 | 0.895 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .54 | .50 | .46 | .43 |
| 517-ICE-203-S-TG | ICE-203-S-TG | 20 | 0.300 | 0.995 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .52 | .48 | .44 | .41 |
| 517-ICE-203-S-TG30 | ICE-203-S-TG30 | 20 | 0.300 | 0.995 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .60 | .56 | .51 | .47 |
| 517-ICE-243-S-TG | ICE-243-S-TG | 24 | 0.300 | 1.195 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .60 | .56 | .51 | .47 |
| 517-ICE-243-S-TG30 | ICE-243-S-TG30 | 24 | 0.300 | 1.195 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .72 | .68 | .62 | .56 |
| 517-ICE-283-S-TG | ICE-283-S-TG | 28 | 0.300 | 1.395 | 0.395 | 0.020 | 0.174 | 10 μ ^m Gold | .72 | .68 | .62 | .56 |
| 517-ICE-283-S-TG30 | ICE-283-S-TG30 | 28 | 0.300 | 1.395 | 0.395 | 0.020 | 0.174 | 30 μ ^m Gold | .83 | .77 | .71 | .64 |
| 517-ICE-246-S-TG | ICE-246-S-TG | 24 | 0.600 | 1.195 | 0.695 | 0.020 | 0.174 | 10 μ ^m Gold | .60 | .56 | .51 | .47 |
| 517-ICE-246-S-TG30 | ICE-246-S-TG30 | 24 | 0.600 | 1.195 | 0.695 | 0.020 | 0.174 | 30 μ ^m Gold | .72 | .68 | .62 | .56 |
| 517-ICE-286-S-TG | ICE-286-S-TG | 28 | 0.600 | 1.395 | 0.695 | 0.020 | 0.174 | 10 μ ^m Gold | .72 | .68 | .62 | .56 |
| 517-ICE-326-S-TG | ICE-326-S-TG | 32 | 0.600 | 1.595 | 0.695 | 0.020 | 0.174 | 10 μ ^m Gold | .81 | .76 | .69 | .62 |
| 517-ICE-326-S-TG30 | ICE-326-S-TG30 | 32 | 0.600 | 1.595 | 0.695 | 0.020 | 0.174 | 30 μ ^m Gold | .97 | .91 | .83 | .75 |
| 517-ICE-406-S-TG | ICE-406-S-TG | 40 | 0.600 | 1.995 | 0.695 | 0.020 | 0.174 | 10 μ ^m Gold | 1.02 | .93 | .88 | .84 |
| 517-ICE-406-S-TG30 | ICE-406-S-TG30 | 40 | 0.600 | 1.995 | 0.695 | 0.020 | 0.174 | 30 μ ^m Gold | 1.26 | 1.16 | 1.09 | .93 |
| 517-ICE-649-S-TG | ICE-649-S-TG | 64 | 0.600 | 3.195 | 0.995 | 0.020 | 0.174 | 10 μ ^m Gold | 2.24 | 2.06 | 1.87 | 1.71 |
| 517-ICE-649-S-TG30 | ICE-649-S-TG30 | 64 | 0.600 | 3.195 | 0.995 | 0.020 | 0.174 | 30 μ ^m Gold | 3.12 | 2.89 | 2.65 | 2.40 |