

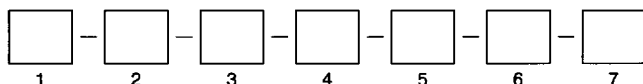


**D-SUBMINIATURE**

**SOLDER CUP**



**ORDERING INFORMATION**



**1. DESCRIPTION**

SC = Solder Cup

**2. POSITION**

- 09 = 9 contacts
- 15 = 15 contacts
- 19 = 19 contacts
- 23 = 23 contacts
- 25 = 25 contacts
- 37 = 37 contacts
- 50 = 50 contacts

**3. GENDER**

- P = Plug (Male)
- S = Socket (Female)

**4. FINISH**

- T = Tin
- Z = Zinc Yellow Chromate
- G = Grounding Dimples (Tin Plugs ONLY)

**5. MOUNTING OPTIONS**

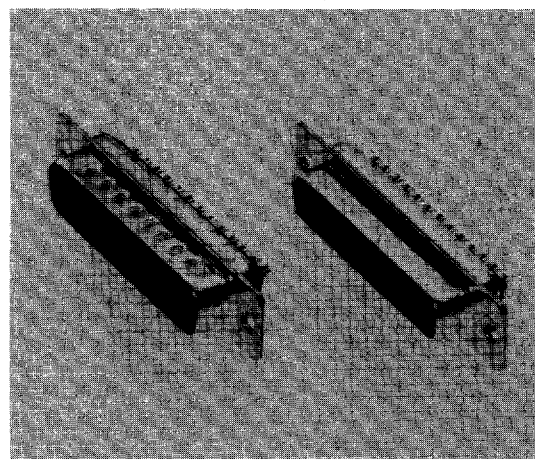
- H = .120" Through Hole
- S = #4-40 Swage Nut/Stand-off
- C = #4-40 Clinch Nut

**6. INSULATOR COLOR**

- W = White
- B = Black

**7. Plating**

- 04 = Standard Gold Flash
- 30 = .000030" Gold



**FEATURES:**

- Standard Insulator Colors
- Standard shell finish, tin
- Other colors and finishes available
- Plugs have grounding indents

**SC SERIES SPECIFICATIONS:**

**MATERIALS:**

- Shells Steel, tin plated or chromate plated
- Insulator Glass filled polyester, UL 94V-O
- Contacts Pin - copper alloy, gold over nickel plate, Socket - phosphor bronze, gold over nickel plate

**ELECTRICAL:**

- Operation Voltage 600V DC
- Current Rating 5 amps per contact
- Voltage Rating 250V AC rms
- Contact Resistance 10 milliohms max.
- Insulation Resistance 5000 megohms (min.)
- Temperature Range -55° to +120°C

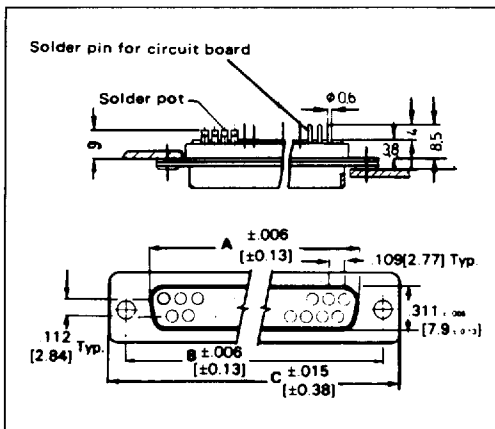
Riveted #4-40 Threaded Clinch Nuts

Riveted #4-40 Swage Nut

Custom Nut Lengths Available

**DIMENSIONAL DATA**

All dimensions in inches and millimeters.



SOCKET (FEMALE)				PLUG (MALE)			
No. of Contact Pos.	Dimensions			No. of Contact Pos.	Dimensions		
	A	B	C		A	B	C
9	.643 16.33	.984 24.99	1.213 30.81	9	.666 16.92	.984 24.99	1.213 30.81
15	.971 24.66	1.312 33.32	1.541 39.14	15	.994 25.25	1.312 33.32	1.541 39.14
19	1.184 30.07	1.533 38.94	1.769 44.94	19	1.211 30.75	1.533 38.94	1.769 44.94
23	1.394 35.41	1.743 44.28	1.991 50.56	23	1.414 35.92	1.743 44.28	1.991 50.56
25	1.511 38.38	1.852 47.04	2.088 53.04	25	1.534 38.96	1.852 47.04	2.088 53.04
37	2.159 54.84	2.500 63.5	2.729 69.32	37	2.182 55.42	2.500 63.5	2.729 69.32
50	2.064 52.43	2.406 61.11	2.635 66.93	50	2.079 52.81	2.406 61.11	2.635 66.93