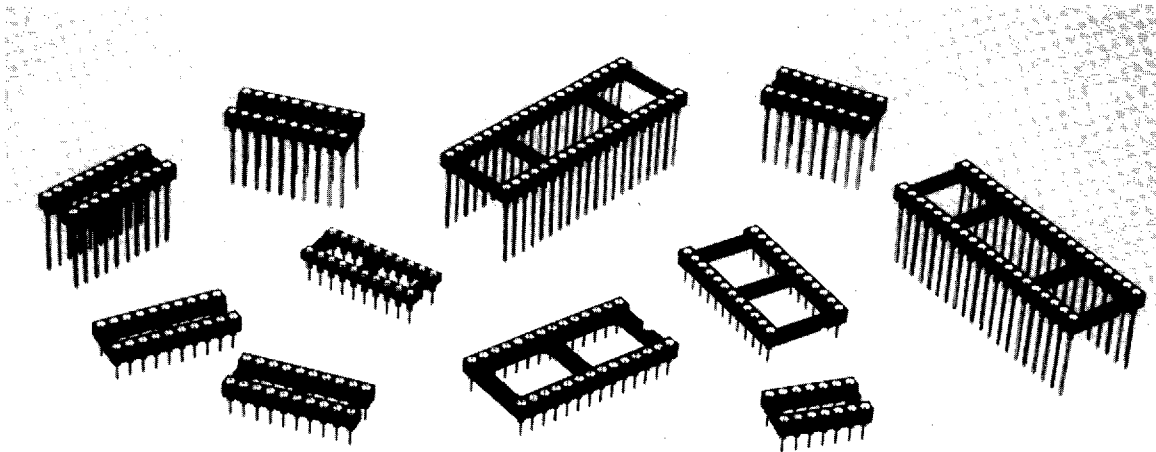


Precision I.C. Sockets with Open Frame Construction



Open frame construction for I.C. cooling, enhanced cleaning and ease of inspection.

- Four fingered Beryllium copper contact for high reliability.
- Meets severe shock and vibration requirements of applicable mil standards.
- Precision machined outer sleeve features closed bottom to eliminate solder wicking problems.
- Insulator dimensioned to allow both end-to-end and side-to-side spacing.
- Accepts I.C. leads as short as .090".

Materials:

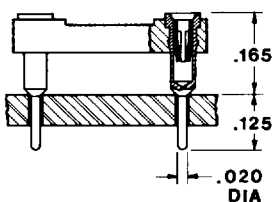
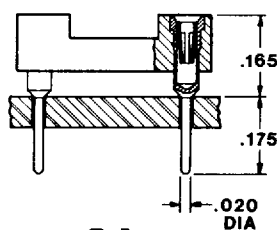
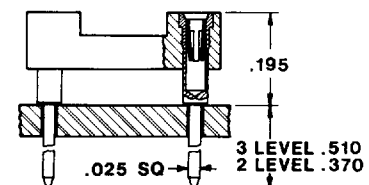
Insulator: Glass reinforced, thermoplastic polyester, rated UL 94V-O. Color: black

Spring contact: Beryllium copper, Gold over nickel plating

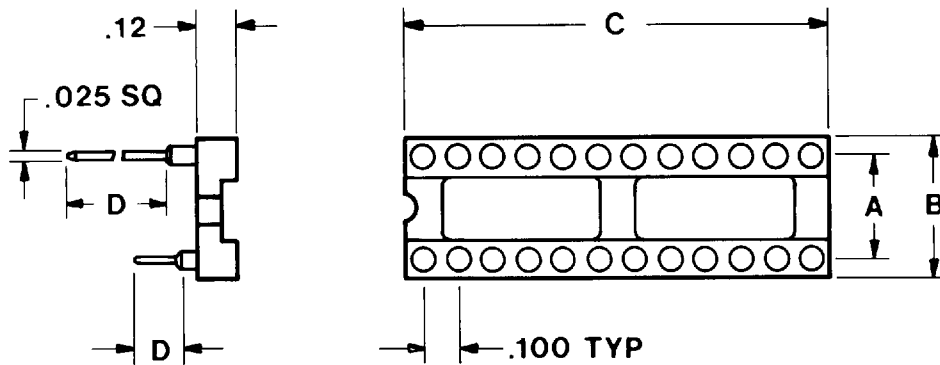
Outer sleeve: Brass
Gold over nickel
Tin over copper

Plating options and specifications are available by contacting either the Garry factory or your local representative.

Optional sleeve hardness
¼ Hard available, consult factory.

Mounting Options:**CC****CJ****AA, BB**

Precision I.C. Sockets with Open Frame Construction



XXX-XX - XX - X

SERIES-PIN COUNT				
	# OF PINS	A DIM. (in.)	B DIM. (in.)	C DIM. (in.)
610-08	8	.300	.399	.399
610-14	14	.300	.399	.699
610-16	16	.300	.399	.799
610-18	18	.300	.399	.899
610-20	20	.300	.399	.999
610-22	22	.300	.399	1.099
610-24	24	.300	.399	1.199
610-28	28	.300	.399	1.399
610-32	32	.300	.399	1.599
640-22	22	.400	.499	1.099
640-24	24	.400	.499	1.199
630-24	24	.600	.699	1.199
630-28	28	.600	.699	1.399
630-32	32	.600	.699	1.599
630-40	40	.600	.699	1.999
630-48	48	.600	.699	2.399
690-64	64	.900	.999	3.199

PIN STYLE		
	DESCRIPTION	D DIM. (in.)
AA	3 level wire wrap	.510
BB	2 level wire wrap	.370
CC	Solder tail for .062 thick board	.128
CJ	Solder tail for .093 or .125 thick board	.178
CS	Solder tail for .062 thick board	.100

PIN PLATING			
	CONTACT	SLEEVE	THICKNESS (μ)
B	Gold	Gold	30/10
D	Gold	Tin	30/200
E	Tin	Tin	150/200
S	Gold	Tin/Lead	30/200
L	Gold	Tin	10/200

For additional platings consult factory rep.

Typical Performance Characteristics:

Contact Resistance	10 Milliohms Maximum
Contact Rating	3 Amps
Capacitance (Contact to Contact)	1.0 pF per MIL-STD-202 Method 305
Vibration	Passed MIL-STD-1344 Method 2005.1, Condition III, 15Gs
Shock	Passed MIL-STD-1344 Method 2004.1, Condition G, 100Gs
Insulation Resistance	2 x 10 ⁶ Megohms per MIL-STD-1344 Method 3003.1
Dielectric Withstanding Voltage (DWV)	1000 VAC (RMS) per MIL-STD-1344 Method 3001.1
Operating Temperature	-55°C to +125°C
Normal Force	105 Grams Min. With .018" Dia. Polished Steel Pin (Typ.)
Inner Contact Retention	7.5 Lbs. per Line Average
Sleeve Retention In Plastic	3.0 Lbs. per Line Minimum
Solderability	Passed MIL-STD-202 Method 208
Insertion Force	214 Grams (7.5 oz.) Average With .018" Dia. Polished Steel Pin
Withdrawal Force	94 Grams (3.3 oz.) Average With .018" Dia. Polished Steel Pin

