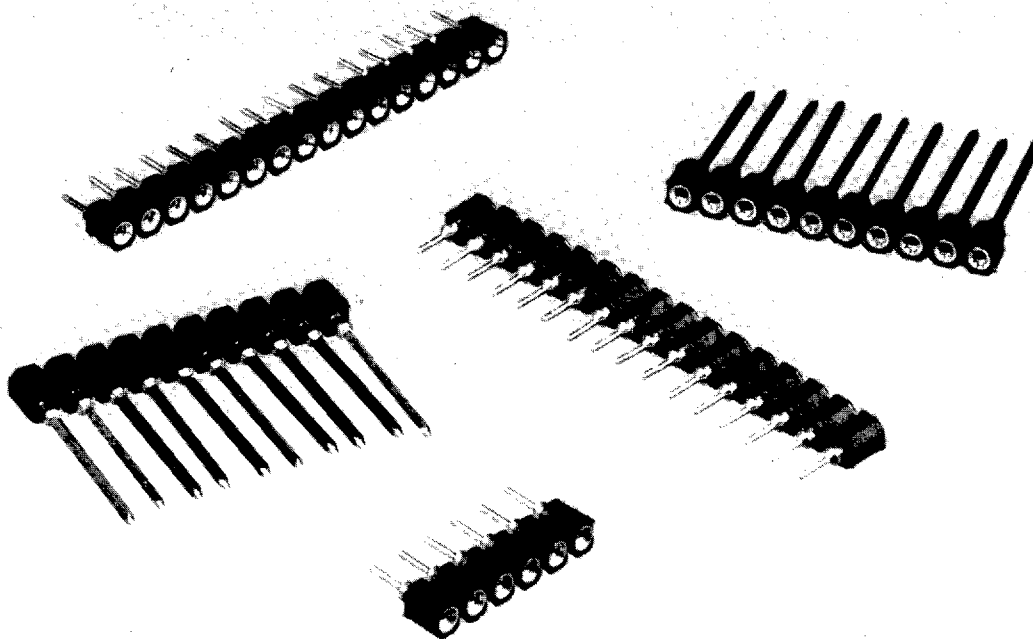


## Precision SIP Socket Strips with "Breakaway" Construction



Socket strips are snapped apart to make any SIP length required.

- No special tools required.
- Four fingered Beryllium copper contact assures high reliability.
- Accepts leads as short as .090".
- Machined outer sleeve features a closed bottom to eliminate solder wicking problems.
- Meets severe environmental requirements of high shock and vibration.
- Stacks end-to-end for continuous .1" mounting spacing.
- Optional press-fit pins at end locations for self-locking installation.

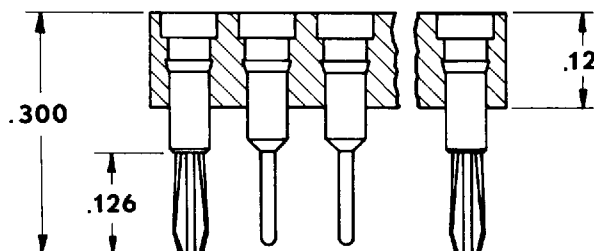
**Materials:**

Insulator: Glass reinforced thermoplastic polyester, UL rate 94-V-O.

Spring contact: Beryllium copper, Gold over nickel plating

Outer sleeve: Brass  
Gold over nickel or Tin over copper

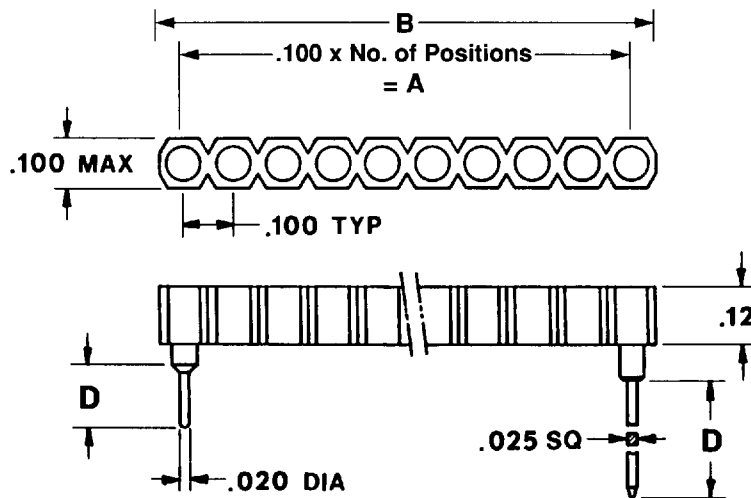
Plating options and specifications are available by contacting either the Garry factory or your local representative.

**Press-fit Option:**

Pins inserted at end locations



Precision SIP Socket Strips with "Breakaway" Construction



XXXX-XX - XX - X

SERIES-PIN COUNT			
STANDARD LENGTHS	# OF PINS	A DIM. (in.)	B DIM. (in.)
2002-02	2	.100	.200
Thru 2002-40	Thru 40	3.90	4.00

Note: Length can be increased by one position up to 40 positions

Note: For press fit pin add P2 to part number suffix. Locations on 1st and last pin.

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 <sup>6</sup> 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

