

# Pro Components

## MS1 SERIES MACHINED I.C. SOCKET SIP TYPE 2.54mm(0.10") PITCH

### MATERIAL:

- Insulator: Glass Filled Thermoplastic (PBT) UL94V-0.
- Pin(Sleeve): Brass
- Plating Sleeve: Tin: Tin 200 $\mu$ " or Full Gold
- Clip(Contact 4 Finger): Beryllium Copper
- Plating Clip: Full Gold, or 10 $\mu$ " Gold Plated, or 30 $\mu$ " Gold Plated

### SPECIFICATION:

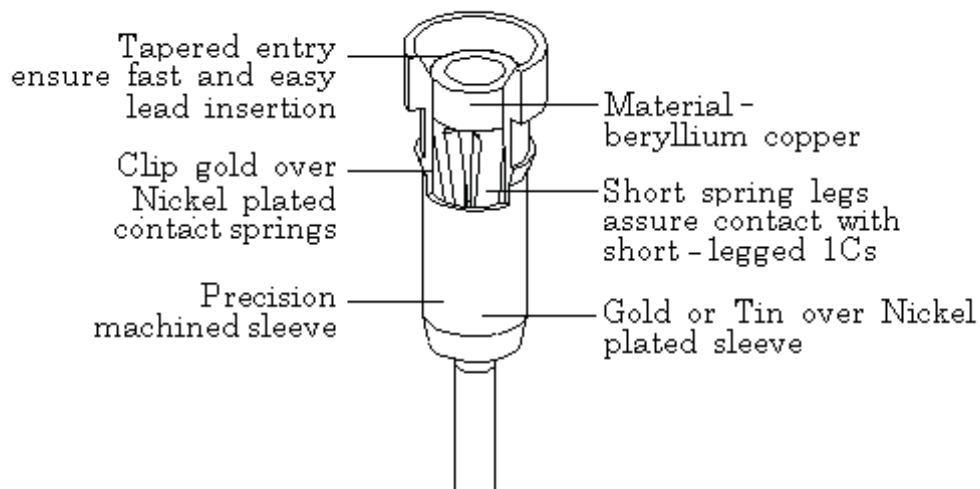
- Current Rating: 3Amp/Contact Max.
- Contact Resistance:  $\leq 4M\Omega$
- Insulator Resistance:  $\geq 1000M\Omega$  at V=100V
- Operating Voltage: 60V AC/DC
- Operating Temperature(Continuous): -40 $^{\circ}C$ ~+105 $^{\circ}C$
- Soldering Temperature: 260 $^{\circ}C$ , 10 sec Max.



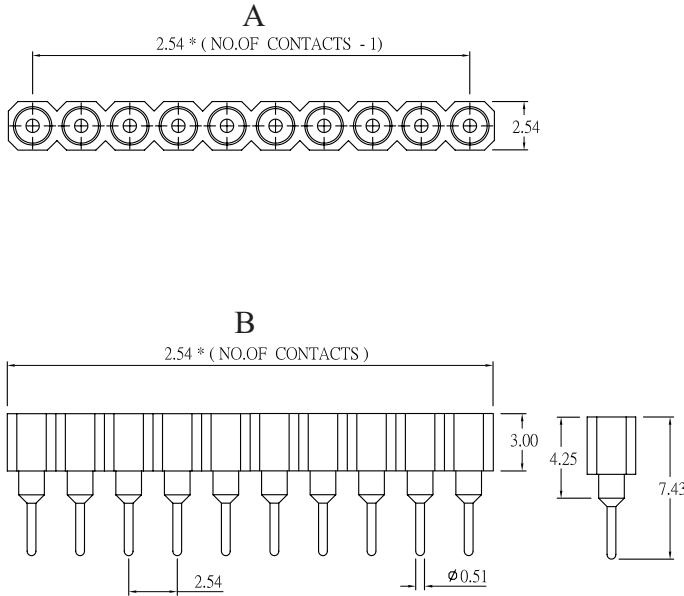
### ENVIRONMENTAL PERFORMANCE:

- Life Cycle with Insertion and Withdrawal: 100 Operating Cycles Min.
- Humidity: 90~95%RH, 40 $^{\circ}C$  for 96Hrs.

### CONSTRUCTION OF PIN:

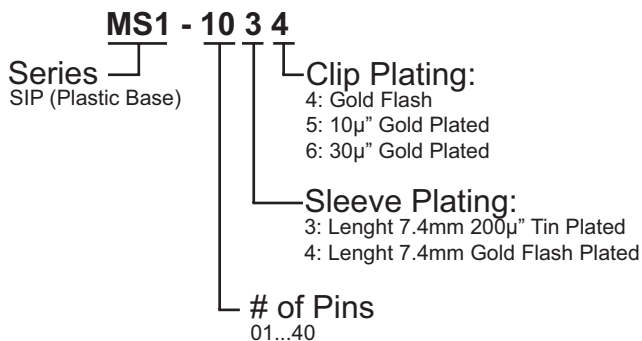


### DIMENSIONS OF CIRCUITRY: Unit: mm



Part Number	# of Pins	A	B
MS1-01__	1	1.54	2.54
MS1-02__	2	4.08	5.08
MS1-03__	3	6.62	7.62
MS1-04__	4	9.16	10.16
MS1-05__	5	11.70	12.70
MS1-06__	6	14.24	15.24
MS1-07__	7	16.78	17.78
MS1-08__	8	19.32	20.32
MS1-09__	9	21.86	22.86
MS1-10__	10	24.40	25.40
MS1-11__	11	26.94	27.94
MS1-12__	12	29.48	30.48
MS1-13__	13	32.02	33.02
MS1-14__	14	34.56	35.56
MS1-15__	15	37.10	38.10
MS1-16__	16	39.64	40.64
MS1-17__	17	42.18	43.18
MS1-18__	18	44.72	45.72
MS1-19__	19	47.26	48.26
MS1-20__	20	49.80	50.80
MS1-21__	21	52.34	53.34
MS1-22__	22	54.88	55.88
MS1-23__	23	57.42	58.42
MS1-24__	24	59.96	60.96
MS1-25__	25	62.50	63.50
MS1-26__	26	65.04	66.04
MS1-27__	27	67.58	68.58
MS1-28__	28	70.12	71.12
MS1-29__	29	72.66	73.66
MS1-30__	30	75.20	76.20
MS1-31__	31	77.74	78.74
MS1-32__	32	80.28	81.28
MS1-33__	33	82.82	83.82
MS1-34__	34	85.36	86.36
MS1-35__	35	87.90	88.90
MS1-36__	36	90.44	91.44
MS1-37__	37	92.98	93.98
MS1-38__	38	95.52	96.52
MS1-39__	39	98.06	99.06
MS1-40__	40	100.60	101.60

### PART NUMBER:



Clip Plating:  
Sleeve Plating: