

# MACHINED CONTACT IC SOCKET



## 8424 SERIES. 2.54 mm. (0.100") Pitch.

### General Features

- Available in 6 through 64 circuits
- Mates with IC sockets 2.54 mm pitch 8421 series
- 0.45 mm round pin in contact area and 0.45 mm. round pin in solder PCB area
- Machined contact with different plating

### Materials

- Insulator: PPS Black + 30% GF UL 94 V-0
- Contact: Clip(4 fingers): Beryllium copper
- Sleeve: Brass
- Operating temperature. -40°C to +105°C
- RoHS compliant

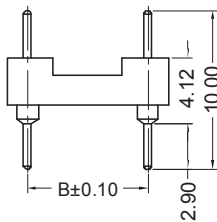
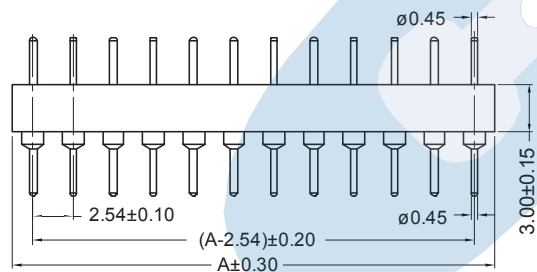
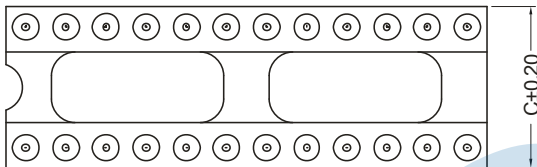
### Electrical Features

- Voltage rating: < 150 V
- Current rating: < 1 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

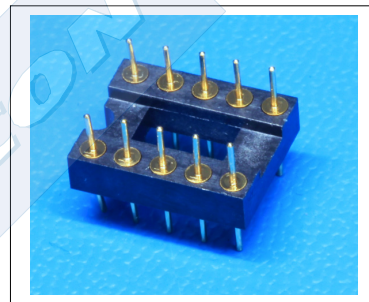
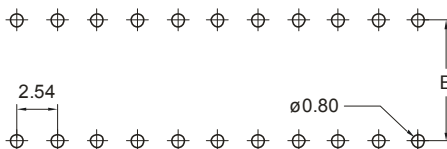
### Mechanical Features

- Pin retention force to insulator: > 0.80 Kgf
- Durability: 500 cycles

### Figuras y dimensiones



### MECANIZADO RECOMENDADO (Tolerancia ±0.05)



CIRCUITOS	CÓDIGO	DIMENSIONES		
		A	B	C
06	8424-T061	7.62	7.62	10.20
08	8424-T081	10.16	7.62	10.20
10	8424-T101	12.70	7.62	10.20
14	8424-T141	17.78	7.62	10.20
16	8424-T161	20.32	7.62	10.20
18	8424-T181	22.86	7.62	10.20
20	8424-T201	25.40	7.62	10.20
22	8424-T221	27.94	7.62	10.20
24	8424-T241	30.48	7.62	10.20
28	8424-T281	35.56	7.62	10.20
20	8424-T202	25.40	10.16	12.70
22	8424-T222	27.94	10.16	12.70
24	8424-T242	30.48	10.16	12.70
28	8424-T282	35.56	10.16	12.70
32	8424-T322	40.64	10.16	12.70
24	8424-T242	30.48	15.24	17.80
28	8424-T282	35.56	15.24	17.80
32	8424-T322	40.64	15.24	17.80
36	8424-T362	45.72	15.24	17.80
40	8424-T402	50.80	15.24	17.80
42	8424-T422	53.34	15.24	17.80
48	8424-T482	60.96	15.24	17.80
50	8424-T502	63.50	15.24	17.80
52	8424-T522	66.04	15.24	17.80
50	8424-T502	63.50	22.86	25.40
52	8424-T522	66.04	22.86	25.40
64	8424-T642	81.28	22.86	25.40

### T = Contact Plating

- T = **3.** gold flash over 30-50µ" Ni overall  
    Recommended Finish
- T = **15.** 15µ" selec. gold over 30-50µ" Ni overall
- T = **16.** 30µ" selec. gold over 30-50µ" Ni overall