



Technical Data

- ◆ **Material:**
 - Pin (outer sleeve): Brass, machined, CuZn38Pb2
 - Clip(contact 4 finger): Beryllium copper, heat treated or PHBZ
 - Plating(outer sleeve): Tin plated: 2um/80u"nickel, 5um/200u" Tin
Gold plated: 2um/80u"nickel, full gold
- Plating clip(contact): 2um/80 u"nickel, gold or tin plating
- Insulator body(black): Glass filled thermoplastic polyester UL94V-0
- ◆ **Electrical**
 - Current rating: 3 Amps/contact max.
 - Contact resistance: ≤4mΩ/contact
 - Insulation resistance: ≥10000MΩat 500VAC
 - Rated voltage: 100 VRMS /150VDC
- ◆ **Mechanical**
 - Operating temperature: Gold plated:-55° C to +125° C
(Continuous) -67° F to +105° F
Tin plated:-40° C to +105° C
 - Average insertion force with steel pin of: φ0.43mm/0.017" × 250g
 - Average withdrawal force with steel pin of φ0.43mm/0.017" >50g
 - Mechanical life: min.200
- ◆ **Applications and features:**
 - 1.The open frame is most common type.
 - 2.The open body design gives better access (for cleaning and inspections) to air -cooling.
 - 3.Side and end stackable.
 - 4.High retention design prevents IC walkout during heavy vibration.
 - 5.Closed bottom sleeve for 100% anti-wicking of solder.
 - 6.Twist free construction.
- ◆ **Environmental data**
 - Solderability (IEC 60068-2-20. Ta) :235° C, 2s
 - Resistance to soldering heat (IEC 60068-2-20. Tb) :
-Through hole mount components :260° C, 10s

Contact	D in A	D in B	Contact	D in A	D in B	Contact	D in A	D in B
01	2.54		15	38.10	35.56	29	73.66	71.12
02	5.08	2.54	16	40.64	38.10	30	76.20	73.66
03	7.62	5.08	17	43.18	40.64	31	78.74	76.20
04	10.16	7.62	18	45.72	43.18	32	81.28	78.74
05	12.70	10.16	19	48.26	45.72	33	83.82	81.28
06	15.24	12.70	20	50.80	48.26	34	86.36	83.82
07	17.78	15.24	21	53.34	50.80	35	88.90	86.36
08	20.32	17.78	22	55.88	53.34	36	91.44	88.90
09	22.86	20.32	23	58.42	55.88	37	93.98	91.44
10	25.40	22.86	24	60.96	58.42	38	96.52	93.98
11	27.94	25.40	25	63.50	60.96	39	99.06	96.52
12	30.48	27.94	26	66.04	63.50	40	101.60	99.06
13	33.02	30.48	27	68.58	66.04			
14	35.56	33.02	28	71.12	68.58			

254C-1x-xxP-1

G : GOLD FLASH
T : 200μ" TIN PLATED



THIRD ANGLE PROJECTION DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	TITLE: 2.54mm SIP I.C. SOCKET		GENERAL TOLERANCES : ±0.30		DRAWN	游熾瑩	DATE	97/09/15
	SIZE: A4	SCALE: FREE	SHEET: 1/1	PARTS NO.: 254C-1x-xxP-1	CHECK	郭坤峰	DATE	97.9.15
CPN NO.: N062	DWG NO.: JAWS-SOP-254C004		REV. 01	APPROVE	陳世官	DATE	98.9.18	
DAN NO.: S9709-023								