RoHS Compliant

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
  Plating Clip (contact): 2um/80u" nickel, gold flash
  Insulator Body (block): Glass filled thermoplastic Polyether, UL94V-0
- Electrical
  Current Rating: 3 Amps/contact max.
  Contact Resistance: 4 milliohms/contact
  Insulation Resistance: 10,000 Megohms at 500 VAC
  Rated Voltage: 100 VRMS/150VDC
- Mechanical
  Operating Temperature (Continuous): $-40^\circ C$ to $+105^\circ C$
  Average insertion force with steel pin of: £X 0.43mm/0.017" < 250g
  Average withdrawal force with steel pin of: £X 0.43mm/0.017" >50g
  Mechanical life: min. 200 Cycles
- Environmental Data
  Solderability (IEC 60068-2-20. Ta): 235°C, 2 sec
  Resistance to soldering heat (IEC 60068-2-20. Tb)
  Through hole mount components: 260°C, 10 sec.

SPC P/N | Contact | Dim A | Dim B | Dim C | Dim D |
--------|---------|-------|-------|-------|-------|
SPC15560 | 6       | 6.76  | 7.62  | 10.16 | 7.62  |
SPC15525 | 8       | 10.16 | 10.16 |       |       |
SPC15526 | 14      | 17.78 | 15.24 |       |       |
SPC15527 | 16      | 20.32 | 17.78 |       |       |
SPC15528 | 18      | 22.86 | 20.32 |       |       |
SPC15529 | 20      | 25.40 | 22.86 |       |       |

SPC P/N | Contact | Dim A | Dim B | Dim C | Dim D |
--------|---------|-------|-------|-------|-------|
SPC15530 | 24      | 30.48 | 27.94 | 15.24 | 15.24 |
SPC15531 | 28      | 35.56 | 33.02 |       |       |
SPC15562 | 32      | 40.64 | 38.10 |       |       |
SPC15533 | 40      | 50.80 | 48.26 |       |       |
SPC15536 | 48      | 60.96 | 58.42 |       |       |

P.C.B. LAYOUT

PCB Machined IC Sockets

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THERewith.

TOLERANCES:
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

TOLERANCES:

DRAWN BY: EKLAS ODISH 05/02/06
CHECKED BY: THOMAS LEE 06/19/06
APPROVED BY: HISHAM ODISH 06/19/06

DRAWING TITLE: PCB Machined IC Sockets
ELECTRONIC FILE TA-767.DWG
SIZE TA-767
SCALE: NTS
U.O.M.: millimeters
SHEET: 1 OF 1