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SPC-F005.DWG

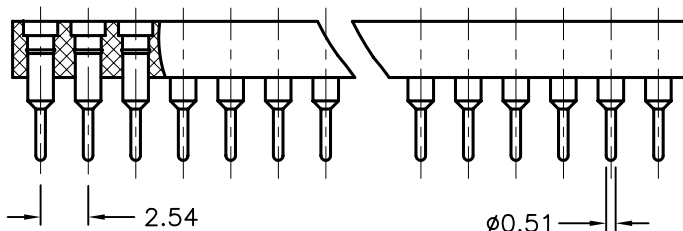
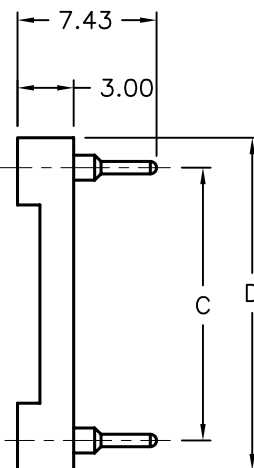
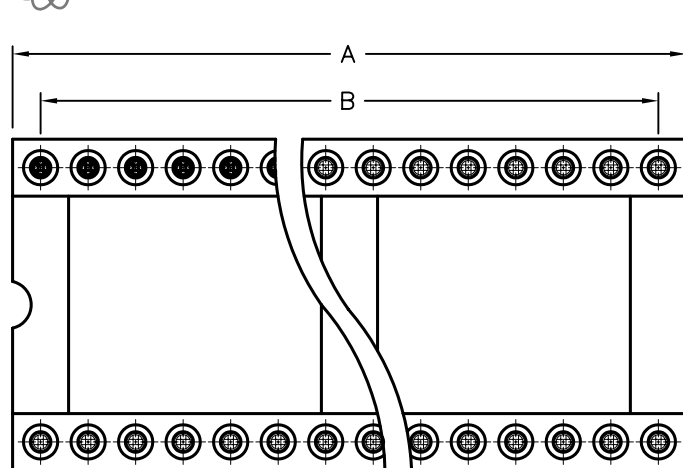
REVISIONS

DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1878	A	RELEASED	EO	05/02/06	TL	06/19/06	HO	06/19/06



RoHS
Compliant



SPC P/N	Contact	Dim A	Dim B	Dim C	Dim D
SPC15560	6	7.62	5.08	7.62	10.16
SPC15525	8	10.16	7.62		
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	17.78
SPC15531	28	35.56	33.02		
SPC15562	32	40.64	38.10		
SPC15533	40	50.80	48.26		
SPC15536	48	60.96	58.42		

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 (black): Glass filled thermoplastic Polyester, 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°C to +105°C

[-67°F to +105°F]

Average insertion force with steel pin of: $\pm X$ 0.43mm/0.017" < 250g

Average withdrawal force with steel pin of: $\pm X$ 0.43mm/0.017" > 50g

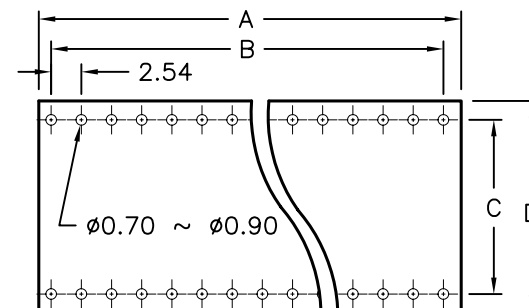
Mechanical life: min. 200 Cycles

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.



P.C.B. LAYOUT

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.

DRAWN BY:

EKLAS ODISH

DATE:

05/02/06

CHECKED BY:

THOMAS LEE

DATE:

06/19/06

APPROVED BY:

HISHAM ODISH

DATE:

06/19/06

DRAWING TITLE:

PCB Machined IC Sockets

SIZE

A

DWG. NO.

TA-767

ELECTRONIC FILE

TA-767.DWG

REV

A

SCALE:

NTS

U.O.M.: millimeters

SHEET: 1 OF 1