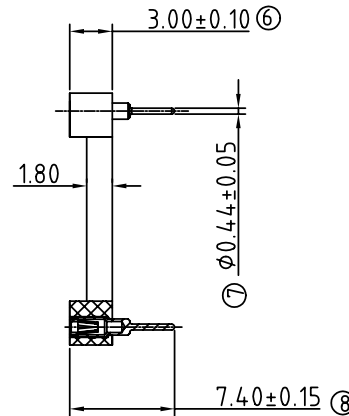
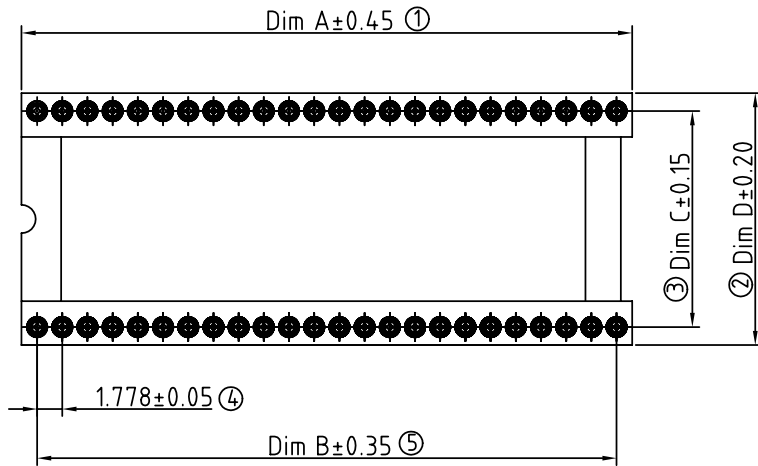


SIGN	DATE	DESCRIPTION	APPROVER
△			
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			



Technical Data

Material:

Pin (outer sleeve) : Brass,machined, CuZn38Pb2
Clip(contact 6 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 : 10000MΩ at 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: Ø0.46mm/0.018" < 50g

Average withdrawal force with steel pin of Ø 0.46mm/0.018" >15g

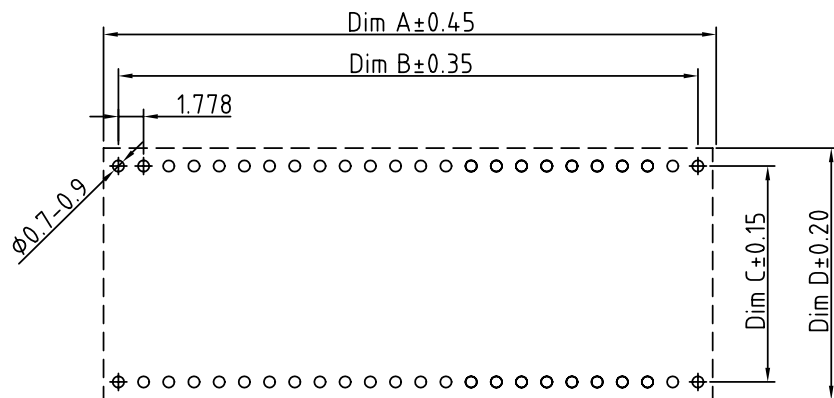
Mechanical life : min.200

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



P.C.B. LAYOUT

P/N	Pole	Dim A	Dim B	Dim C	Dim D	P/N	Pole	Dim A	Dim B	Dim C	Dim D
S01632X00000G	16	14.60	12.446	7.62	10.16	S02862X00000G	28	25.20	23.114	15.24	17.78
S02032X00000G	20	18.18	16.002	7.62	10.16	S03262X00000G	32	28.80	26.670	15.24	17.78
S02432X00000G	24	21.70	19.558	7.62	10.16	S04262X00000G	42	37.70	35.560	15.24	17.78
S02842X00000G	28	25.20	23.114	10.16	12.70	S04862X00000G	48	43.10	40.894	15.24	17.78
S03242X00000G	32	28.80	26.670	10.16	12.70	S05262X00000G	52	46.60	44.450	15.24	17.78
S04242X00000G	42	37.70	35.560	10.16	12.70	S05462X00000G	54	48.30	46.228	15.24	17.78
S04842X00000G	48	43.10	40.894	10.16	12.70	S05662X00000G	56	50.00	48.006	15.24	17.78
S05242X00000G	52	46.60	44.450	10.16	12.70	S06462X00000G	64	57.20	55.118	15.24	17.78
S05642X00000G	56	50.00	48.006	10.16	12.70	S06862X00000G	68	60.80	58.674	15.24	17.78
S06442X00000G	64	57.20	55.118	10.16	12.70	S06472X00000G	64	57.40	55.118	19.05	21.59
S06842X00000G	68	60.80	58.674	10.16	12.70						

SO - XX X 2 X 0 0000G			
No.of Pole		pin plated: Code	Clip plated Pin plated
Code	Definition	0	Gold Flash Tin 200u"
3	7.62/.300"	1	Gold 10u" Tin 200u"
4	10.16/.400"	2	Gold 30u" Tin 200u"
6	15.24/.600"	3	Tin 200u" Tin 200u"
7	19.05/.750"	4	Gold flash Gold flash
		5	Gold 10u" Gold flash
		6	Gold 30u" Gold flash

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TITLE	S0 Series Hollow (Pitch:1.778)finished products						
PART NO.	SOXXX2X00000G			DWG NO.	8S00101-03		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance		
		Seamus 2006.06.09	Aaron 2006.04.20		UNIT: mm	X. ±0.50	
					SCALE: NONE	X.X ±0.30	
					REV.: B	X.XX ±0.10	
				SHEET: 01/01		X* ±1°	