

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

SY Series
 Technical Data
 Material
 Insulator: Glass filled Hi-temperature thermoplastic UL 94V-0 colour black.
 Receptacle contact:
 Sleeve: brass, gold or tin-lead plated over 2-3um nickel
 Clip: Stamped beryllium-copper, gold or tin-lead plated over 2-3um nickel.

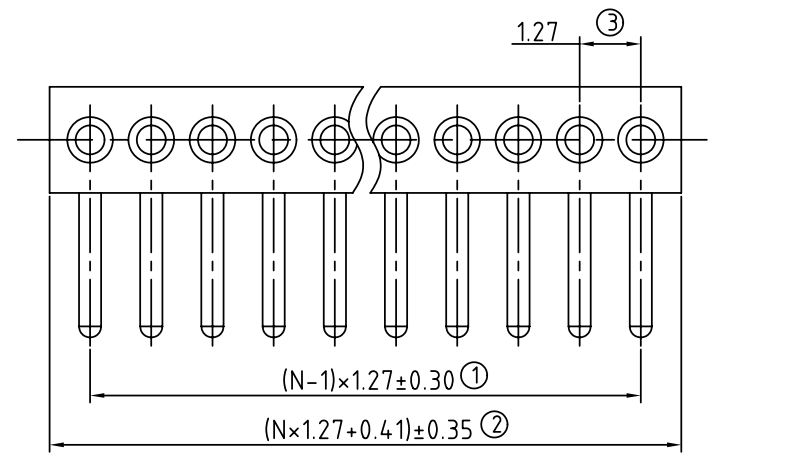
Mechanical
 gauge diameter(mm): 0.38
 Insertion force(N): 0.6
 Withdrawal force(N): 0.2
 Mechanical life: min, 200
 Electrical
 Rated current(A): 1
 Rated voltage: 50 V_{RMS} / 75 V_{DC}
 Max contact resistance(m): 20mΩ (after climatic tests)
 Insulation resistance: 10000MΩ
 Dielectric strength: 500V_{RMS}
 Air and creepage(min): 0.4/0.5
 Capacitance(pF): 1

Environmental
 Operating temperature: -55°C to +125°C
 Vibration(10-2000Hz, 15g): no electrical discontinuity > 1us
 Shock: (50g): no electrical discontinuity > 1us
 Solderability (IEC 60068-2-20. Ta) : 235°C, 2s
 Resistance to soldering heat (IEC 60068-2-20. Tb) :
 - Through hole mount components : 280°C, 10s

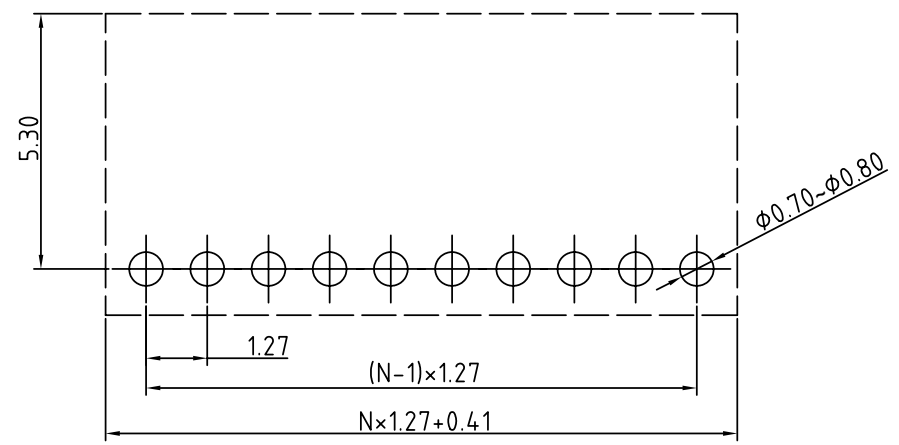
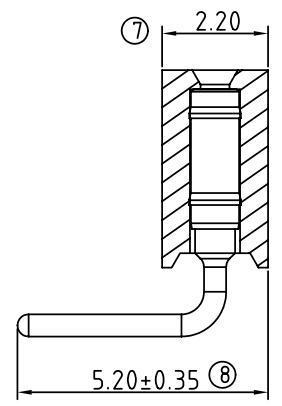
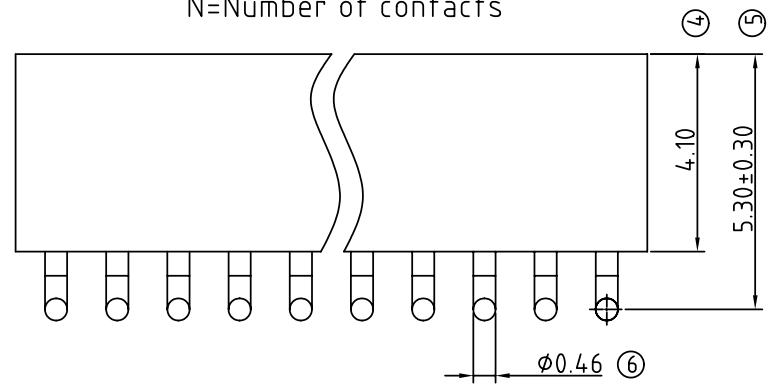
SY - XX 0 0 X 0 0000G

No. of contacts : 01~50

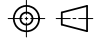
pin plated: Code	Clip plated	Pin plated
0	Gold Flash	Tin 200u"
1	Gold 10u"	Tin 200u"
2	Gold 30u"	Tin 200u"
3	Tin 200u"	Tin 200u"
4	Gold flash	Gold flash
5	Gold 10u"	Gold flash
6	Gold 30u"	Gold flash



N=Number of contacts



P.C.B. LAYOUT

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TITLE		SY Single row IC Socket Series					
PART NO.		SYXX00X00000G			DWG NO.		8SY0001
APPROVED		CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance
			Joanna 2005.08.22	Joanna 2005.08.22			X. ±0.50 X.X ±0.30 X.XX ±0.10 X° ±1°
						UNIT: mm	
				SHEET: 01/01		SCALE: NONE	
						REV.: C	