

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

SU Series

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
Plating(contact) :	2um/80 u"nickel,gold or Tin plating
Insulator body(housing) :	PPS. UL94V-0
Electrical	

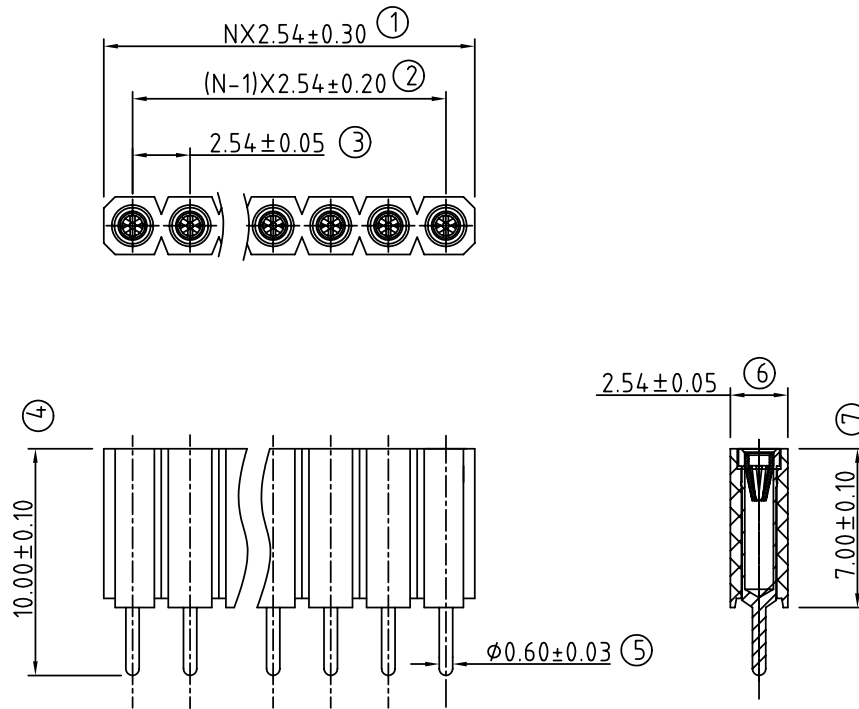
Current rating :	3 Amps/contact max.
Current resistance :	4m /contact
Insulation resistance :	10000M at 500VAC
Rated voltage :	100VRMS /150Vdc

Mechanical

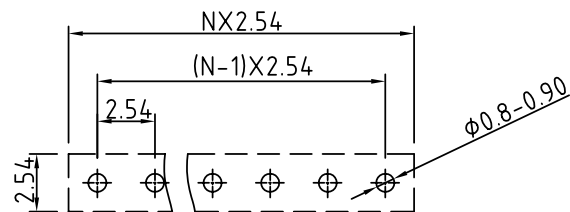
Operating temperature :	Gold plated: -55°C to +125°C
(Continuous)	Tin plated: -40°C to +105°C
Average insertion force:	<140g
With steel pin of $\varnothing$ 0.66mm or SQ 0.64mm	
Average withdrawal force:	>25g
With steel pin of $\varnothing$ 0.66mm or SQ 0.64mm	
Mechanical life:	min.200

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



N=The number of contacts



P.C.B. LAYOUT

SU - XX 0 0 X 0 XXXXG

No.of contacts :01-40

pin plated: Code	Clip plated	Pin plated	0000	ROHS
0	Gold Flash	Tin 200u"	18H0	Clip 5218 HY ROHS
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		

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TITLE	SU Single row Series(10.0mm Pin)				
PART NO.	SUXX00X0XXXXG			DWG NO.	SU0002
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	
		Joanna 2005.08.01	Joanna 2005.08.01		Tolerance
				UNIT: mm	X. ±0.50
				SCALE: NONE	X.X ±0.30
				SHEET: 01/01	X.XX ±0.10
				REV.: B	X* ±1*