

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 Ø 0.66mm or SQ 0.64mm
Average withdrawal force: >25g
With steel pin of Ø 0.66mm or SQ 0.64mm
Mechanical life: min.200

Environmental data

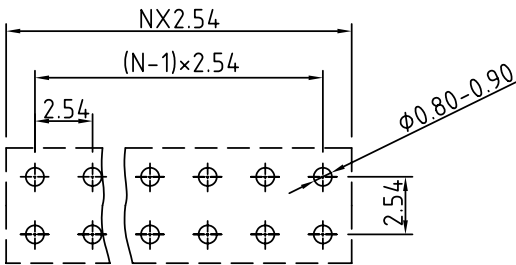
Solderability (IEC 60068-2-20. Ta) :235°C, 2s
Resistance to soldering heat (IEC 60068-2-20. Tb) :
-Through hole mount components :260°C, 10s

SU - XX 1 0 X 0 XXXXG


No.of contacts :02~80

pin plated: Code	Clip plated	Pin plated	0000	Standard
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		

N=The number of contacts



P.C.B. LAYOUT

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TITLE		SU Double row Series(10.0mm Pin)					
PART NO.		SUXX10X0XXXXG		DWG NO.		8SU0101	
APPROVED		CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance
			Joanna 2005.08.02	Joanna 2005.08.02	<div><div></div><div>UNIT: mm</div><div>SCALE: NONE</div></div>		X. ±0.50
				X.X ±0.30			
				X.XX ±0.10			
					SHEET: 01/01		REV.: C
							X* ±1*

Mouser Electronics

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