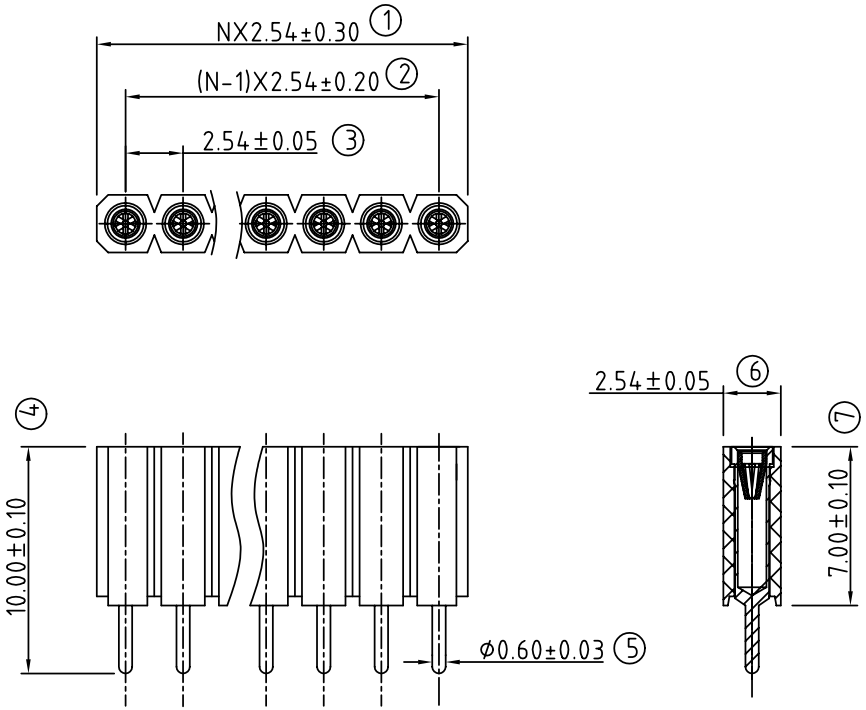
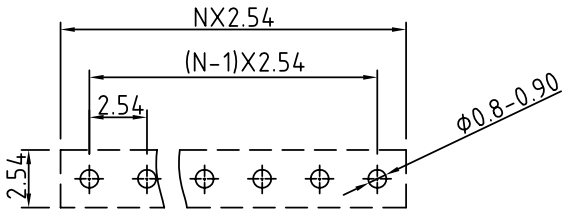
SIGN	DATE	DESCRIPTION	APPROVER
1			

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!



N=The number of contacts



P.C.B. LAYOUT

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 :	≦4mΩ /contact.
Insulation resistance :	≧10000MΩ at 500VAC
Rated voltage :	100V_{RMS} /150V_{DC}

◆ 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 Φ0.66mm or SQ 0.64mm	
Average withdrawal force:	>25g
With steel pin of Φ0.66mm 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 0 0 X 0 XXXXG

No.of contacts :01~40

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

0000	ROHS
18H0	Clip 5218 HY ROHS

INSPECTION COPY

TITLE	SU Single row Series(10.0mm Pin)

Tolerance	
X.	±0.50
X.X	±0.30
X.XX	±0.10
X°	±1°

UNIT: mm

SCALE: NONE

SHEET: 01/01

REV.: B