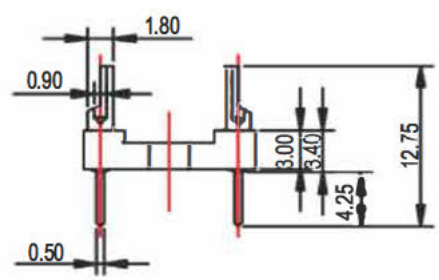


N : No. of Contact

A (mm)	B (mm)	C (mm)
2.54 * (N / 2)	10.16	7.62
Poles: 06 / 08 / 10 / 12 / 14 / 16 18 / 20 / 24N / 28N		



A (mm)	B (mm)	C (mm)
2.54 * (N / 2)	17.78	10.16
Poles: 24W / 28W / 32 / 40 / 42 / 48 / 50		

Remark: Pls note the difference from 24N/28N to 24W/28W

Notes:

1. Electrical Characteristics:
 - 1.1 Contact Resistance: 10mΩ Max
 - 1.2 Dielectric Withstanding Voltage: 600V AC(rms) for 1 Minute
 - 1.3 Insulation Resistance: 1000mΩ Min
 - 1.4 Current Rating: 3A
 - 1.5 Operating voltage : 60V AC/DC

2. Environment Characteristics:
 - 2.1 Temperature: -40°C ~ +105°C
 - 2.1 Solder Temperature: 260°C , Max 10s

3. Materials:
 - 3.1 Contact Materials: Brass , Machined CuZn38Pb2
 - 3.2 Clip(Contact 4 finger): Beryllium copper, heat treated
 - 3.3 Plating (Outer sleeve):
Tin plated : 2um/80u" Ni , 5um/200u"Sn
 - 3.4 Plating (Contact): 2um/80u"Ni, Gold or Tin plated
 - 3.5 Insulation (Blak) : Glass filled Termoplastic Polyester UL94V-0

4. Mechanical:
 - 4.1 Average insertion force with steel pin of ϕ 0.43 : < 250g
 - 4.2 Average withdrawal force with steel pin of ϕ 0.43 : > 90g Min
 - 4.3 Machancial Life cycle: Min 300 times



GENERAL TOLERANCE	
X.* ± 5.0°	X. ± 0.30
.X* ± 3.0°	.X ± 0.25
.XX* ± 2.0°	.XX ± 0.15
.XXX* ± 1.0°	.XXX ± 0.10

DESIGN:	DATE: 2020.02.28
CHECK:	DATE: 2020.03.02
AUDIT:	DATE: 2020.03.02
APPROVE:	DATE: 2020.03.02

DWG. NO.:	SM C07 8481 XX AN
PART NO.:	SM C07 8481 XX AN

TITLE:	2.54mm Round Pin Header, Double Row,
--------	--------------------------------------

REV.:	UNIT.:	SCALE.:	PAGE.:
01	mm	1:1	1/1

