



Technical Data

- ◆ **Material:**
 - Pin (outer sleeve): Brass,machined, CuZn38Pb2
 - Plating: Tin plated: 2um/80u"nickel,5um/200u"Tin
Gold plated: 2um/80 u"nickel,full gold
Glass filled polyester UL94V-0
- ◆ **Electrical**
 - Current rating: 3 Amps/contact max.
 - Insulation resistance: ≥10000Mwat 500VAC
 - Rated voltage: 100 VRMS /150VDC
- ◆ **Mechanical**
 - Operating temperature: Gold plated: -55° C to +125° C
(Continuous) -67° F to +257° F
 - Tin plated: -40° C to +105° C
- ◆ **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

Contact	Dim A	Dim B	Contact	Dim A	Dim B	Contact	Dim A	Dim B
02	2.54	—	30	38.10	35.56	58	73.66	71.12
04	5.08	2.54	32	40.64	38.10	60	76.20	73.66
06	7.62	5.08	34	43.18	40.64	62	78.74	76.20
08	10.16	7.62	36	45.72	43.18	64	81.28	78.74
10	12.70	10.16	38	48.26	45.72	66	83.82	81.28
12	15.24	12.70	40	50.80	48.26	68	86.36	83.82
14	17.78	15.24	42	53.34	50.80	70	88.90	86.36
16	20.32	17.78	44	55.88	53.34	72	91.44	88.90
18	22.86	20.32	46	58.42	55.88	74	93.98	91.44
20	25.40	22.86	48	60.96	58.42	76	96.52	93.98
22	27.94	25.40	50	63.50	60.96	78	99.06	96.52
24	30.48	27.94	52	66.04	63.50	80	101.60	99.06
26	33.02	30.48	54	68.58	66.04			
28	35.56	33.02	56	71.12	68.58			

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

DRAWING BY CY

X, ±

CHECKED BY GENIUS

.X ±

UNIT / mm

SCALE 1:1

.XX ±

DATE

.XXX ±

SIZE A4

PJECTION

ANG ±

照片框

ORDER INFORMATION

SP-V48X50-2Xxx-LF
SERIES | LEADFREE
2X01:02 WAY
2X40:80 WAY
CONTACT 5.0mm
180°SMT | NON POST
HIGH 4.8mm

DESCRIPTION:

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