



**NOTES:**  
**MATERIAL**  
 1.Pin(outer sleeve): Brass, machined CuZn38Pb2  
 2.Clip/contact 4 finger): Beryllium copper, heat treated  
 3.Plating(outer sleeve): 2um/80u"nickel, 5um/200u"Tim  
 4.Plating(contact): 2um/80u"nickel, Gold flash  
 5.Insulator Material: PPS (UL 94V-0) Black

**ELECTRICAL**  
 1.Current Rating: 3Amps/contact max.  
 2.Contact Resistance: 4mΩ/contact max.  
 3.Insulation Resistance: ≥10000MΩ at 500VAC  
 4.Voltage Rating: 100 VRMS/150VDC

**MECHANICAL**  
 1.Average insertion force with steel pin of  $\phi 0.43\text{mm}/0.017''$ : <250g  
 2.Average withdrawal force with steel pin of  $\phi 0.43\text{mm}/0.017''$ : >50g  
 3.Mechanical life cycle: min. 200  
 4.Operation Temperature: -40°C to +105°C  
 5.Soldering temperature: +260°C, 10s max.  
 Packing: PE bag

Contact	Dim A	Dim B	Contact	Dim A	Dim B	Contact	Dim A	Dim B
01	2.54	—	15	38.10	35.56	29	73.66	71.12
02	5.08	2.54	16	40.64	38.10	30	76.20	73.66
03	7.62	5.08	17	43.18	40.64	31	78.74	76.20
04	10.16	7.62	18	45.72	43.18	32	81.28	78.74
05	12.70	10.16	19	48.26	45.72	33	83.82	81.28
06	15.24	12.70	20	50.80	48.26	34	86.36	83.82
07	17.78	15.24	21	53.34	50.80	35	88.90	86.36
08	20.32	17.78	22	55.88	53.34	36	91.44	88.90
09	22.86	20.32	23	58.42	55.88	37	93.98	91.44
10	25.40	22.86	24	60.96	58.42	38	96.52	93.98
11	27.94	25.40	25	63.50	60.96	39	99.06	96.52
12	30.48	27.94	26	66.04	63.50	40	101.60	99.06
13	33.02	30.48	27	68.58	66.04			
14	35.56	33.02	28	71.12	68.58			

**RoHS compliant**  
 Unit: mm

Scale	Free		
<b>TOLERANCE</b>			
X.	±0.50		
X.X	±0.30		
X.XX	±0.20		
X.XXX	±0.10		
DIM	TOL	② Update to new drawing	
Angle	±5°	① Drawn	
Angle	TOL	Id.	Modification

Date	Name	Customer-No.	Drawing-No.	Replace
23.07.2009	Dean		ASS 1211 CO	Sheet
28.10.2016	Amy		AW 126-xx/Z-T	



1	2	3	4	5	6	7	A
1	2	3	4	5	6	7	B
1	2	3	4	5	6	7	C
1	2	3	4	5	6	7	D
1	2	3	4	5	6	7	E
1	2	3	4	5	6	7	F
1	2	3	4	5	6	7	G
1	2	3	4	5	6	7	H