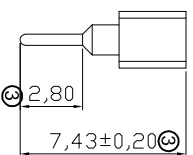
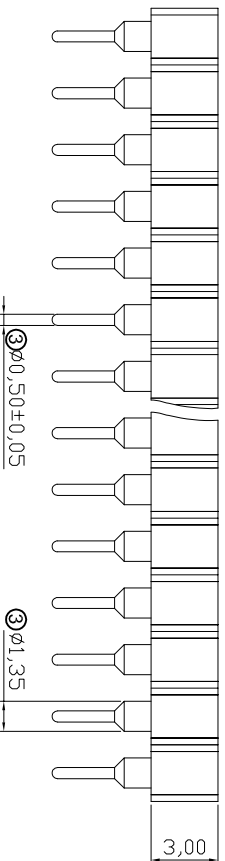
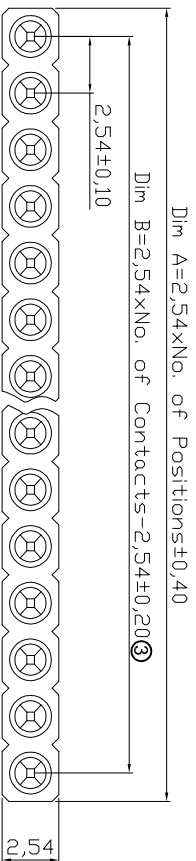


1 2 3 4 5 6 7

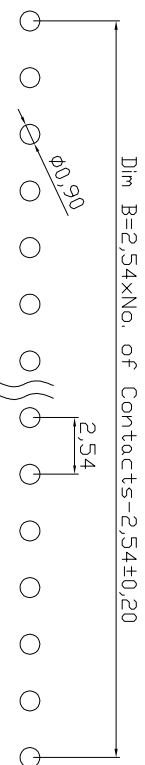


Technical Data
 Material:
 Pin(outer sleeve): Brass, machined, CuZn38Pb2
 Clip(contact 4 finger): Beryllium copper, heat treated
 Plating Pin(outer sleeve): 2um/80u" nickel, Gold flash ④
 Plating Clip(contact 4 finger): 2um/80u" nickel, Gold flash
 ③Insulator body(housing): PPS UL94V-0 Black

Electrical
 Current rating: 3 Amps/contact max.
 Contact resistance: \leq 4mΩ/contact
 Insulation resistance: \geq 10000MΩ at 500VAC
 Voltage rating: 100 VRMS/150VDC

Mechanical
 Average insertion force with steel pin of \varnothing 0.43mm/0.017": <250g
 Average withdrawal force with steel pin of \varnothing 0.43mm/0.017": >50g
 Mechanical life cycle: min. 200
 Operating temperature: -40°C to +105°C
 Soldering temperature: +260°C, 10s max.
 Package: PE bag

② Recommended plug in range of 0.4 to 0.56mm



P.C.B. LAYOUT

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				
TOLERANCE					
X.	±0.50				
X.X	±0.30	④	Correct the pin plating to Gold flash	20.09.2018	Amy
X.XX	±0.20	③	Update to new drawing	10.08.2016	Amy
DIM					
	TOL	②	Add the "Plug in Range"	05.07.2016	Winnie
Angle	±5°	①	Drawn	23.07.2009	Dean
Angle	TOL				
Angle					

Date	Name	Date	Name
23.07.2009	Dean	20.09.2018	Amy

ASSMANN
 WSW components

Customer-No.	Drawing-No.	Replace
ASSMANN WSW-No.	AW 127-XX/G-T	
	ASS 0212A CO rev04	Sheet

1 2 3 4 5 6 7

SVXXX