



Product Specification

Material

Insulator: Glass filled NYLON9T UL94V-0, Black
 Contact : Phosphor Bronze, 0.20mm Thickness
 Plated: Tin Plated 160u" over Nickel (Lead Free)

MECHANICAL PERFORMANCE:

Durability: Per MIL-STD-1344, Method 2016.25 Cycles
 Vibration: Per MIL-STD-810C, Method 514.2 10-200.000Hz 5G's
 Shock: Per MIL-STD-810C, Method 516.2.35G's
 Acceleration: Per MIL-STD-810C, Method 513.2, 15G's
 Contact Force: 210g/per pin.

ELECTRICAL PERFORMANCE:

Contact Interface Resistance:
 Initial: 6.5 Milliohms Average
 Final: 15.0 Milliohms Average Max. After Testing.
 Current rating: 1 AMP
 Voltage rating: 250V
 Contact resistance: 20mohms Max.

Insulation Resistance: 10000 Megohms min.
 Dielectric Strength: 1000V/AC continuous for 1 minute.
 Operating and Storage Temperature : -40°C to +105°C

Order Information:

-SM : Without Polarizing Peg
 -SMP : With Polarizing Peg

⑤ Soldering Information:
 Recommend reflow temperature 245°C, preheat time over 160s

Dimensions

No. of Contacts	A±0.2	B±0.2	C±0.1	D±0.1	E±0.1	F±0.1	G±0.2	H±0.1
20	15.65	15.65	5.08	5.08	10.03	10.03	12.70	6.35
28	18.18	18.18	7.62	7.62	12.57	12.57	15.24	7.62
32	18.18	20.75	7.62	10.16	12.57	15.11	17.78	7.62
44	23.28	23.28	12.70	12.70	17.65	17.65	20.32	10.16
52	25.84	25.84	15.24	15.24	20.19	20.19	22.86	11.43
68	30.95	30.95	20.32	20.32	25.27	25.27	27.94	13.97
84	36.00	36.00	25.40	25.40	30.35	30.35	33.02	16.15

RoHS compliant

Unit:mm

Scale	Free	⑥ Add electrical performance	28.05.2014	Ray
TOLERANCE		⑤ Add soldering information	18.12.2013	Ray
X.	±X	④ Correction	03.08.2012	Lucas
X.X	±X	③ Update	02.08.2012	Lucas
X.XX	±X	② Update	23.07.2009	Dean
X.°	±X	① Drawn	13.10.1998	Hellwig
Angle	TOL	Id.		
		Modification		



Customer-No.	Date	Name
	13.10.1998	Hellwig
	28.05.2014	Ray

Drawing-No.	Replace	Sheet
ASSMANN WSW-No.	ASS 0142 CO	1/2
A-CCS 0xx-Z-SM		
A-CCS 0xx-Z-SM/P		

1 2 3 4 5 6 7

A B C D E F G H SVXXX

