



- ② SPECIFICATION:
- Electrical**
1. Current rating: 0.5A max.
 2. Voltage rating: 90V
 3. Insulation resistance: 1000MΩ min. 500VDC
 4. Dielectric strength: 500VAC/minute
 5. Conductor resistance: <1.89Ω/m
 6. Contact resistance: <20mΩ
- Mechanical**
1. Elongation of insulator: >60%
 2. Tensile strength of insulator: >3.5kg/mm²
 3. Flexing test: 180° > 20 times
 4. Abrasion: >10000 times
 5. Durability: >20 cycles
- Environmental**
1. Operating temperature: -40 ~ +105°C
 2. Heat resistance: 85°C 96hours
 3. Moisture resistance: 40°C 95% RH 96hours
 4. Flammability rating: UL Sub.758
UL20890 105°C 90V VW-1
- ④ WSW UL No.: E506903
⑤③ Packaging: 100pcs/PE bag

Spec				Spec			
Conductor poles	N	① 4-80P	±0.05	Strip length	S1	3.5	±0.5
Pitch	P	0.5			S2	3.5	±0.5
Total cable length	TL	see order code	±0.06	Support tape length	B1	6.0	±1.0
Total pitch	PT	(N-1)xP			B2	6.0	±1.0
Total width	W	(N+1)xP	±0.06	Mating thickness	T	0.303	±0.05
Edge distance	M	0.5	③ ±0.10	Cable thickness	Tt	0.121	±0.05
				Cutting slope	A	≤0.3	

WSW order code:
AFFC-050-xx-xxx-11

No. of poles ① 04~80

Total Cable length
051: 50,80±1mm
076: 76,20±2mm
102: 101,6±2mm
127: 127±2mm
153: 152,4±2mm

Construction			
No.	Name	Spec.	
①	Insulation thickness	No marking	43μm PET
②	Insulation thickness	No marking	43μm PET
③	Support tape tk.	PET Blue 225μm	
④	Conductor (Tinned copper) 1um min. Tin plated	thickness Ct	0,035±0,005
		Width Cw	0,30±0,03

RoHS compliant
Unit: mm

Scale	Free	⑤	Update the packing quantity	11.12.2019	Segal		Date	Name	Customer-No.
TOLERANCE		④	Add WSW UL No.	14.05.2019	Amy	Drawn	30.06.2016	Amy	ASSMANN WSW-No. AFFC-050-xx-xxx-11
XX	±5	③	Add package qty and revise tolerance	23.10.2018	Amy	Approved	11.12.2019	Segal	
X	±1	②	Add specification	10.11.2016	Amy				
X.X	±0.2	①	Update the conductor poles	22.09.2016	Amy				Drawing-No.
DIM	TOL	①	Update the conductor poles	22.09.2016	Amy				ASSMANN WSW components
		①	Drawn	30.06.2016	Amy				
Angle	TOL	Id.	Modification	Date	Name				ASS 7540 CA rev05

Replace	Sheet

