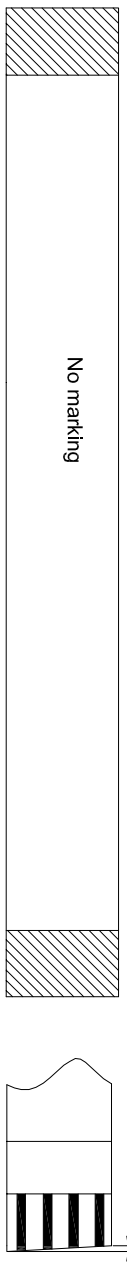
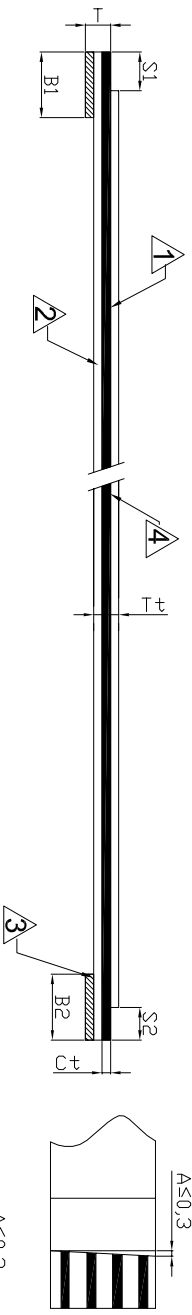
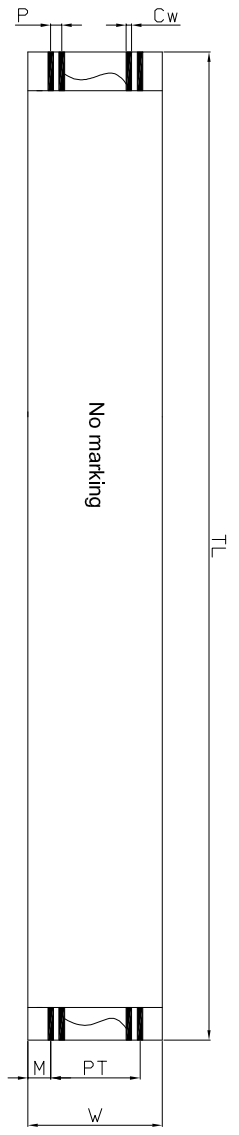


1 2 3 4 5 6 7



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 strenght of insulator: >3.5kg/mm<sup>2</sup>
  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
- ③ Packaging: 50pcs/PE bag

Spec		Spec	
Conductor poles	N	①4-80P	
Pitch	P	0.5	±0.05
Total cable length	TL	see order code	
Total pitch	PT	(N-1)XP	±0.06
Total width	W	(N+1)XP	±0.06
Edge distance	M	0.5	③±0.10

Strip length		Support tape length	
S1	3.5	B1	6.0
S2	3.5	B2	6.0
T	0.303	Tt	0.121
Cable thickness	Tt		±0.05
Cutting slope	A		≤0.3

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

No. of poles ①04~80

Total Cable length  
051: 50.80±1mm  
076: 76.20±2mm  
102: 101.6±2mm  
127: 127±2mm  
153: 152.4±2mm

Construction	
No.	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) thickness Ct 0.035±0.005 1µm min. Tin plated width Cw 0.30±0.03

ROHS compliant

Unit: mm

Scale	Free
TOLERANCE	
XX	±5
X	±1
X.X	±0.2
DIM	TOL
Angle	TOL

Id.	Modification	Date	Name
①	Update the conductor poles	22.09.2016	Amy
②	Add specification	10.11.2016	Amy
③	Add package qty and revise tolerance	23.10.2018	Amy
④	Drawn	30.06.2016	Amy

Customer-No.	
ASSMANN WSW-No.	AFFC-050-xx-xxx-11
Drawing-No.	ASS 7540 CA
Replace	rev03
Sheet	

1 2 3 4 5 6 7

H G F E D C B A