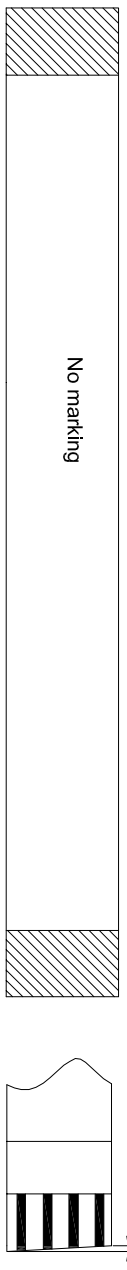
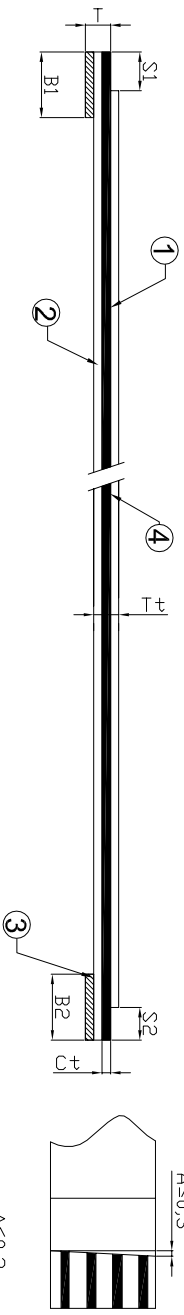
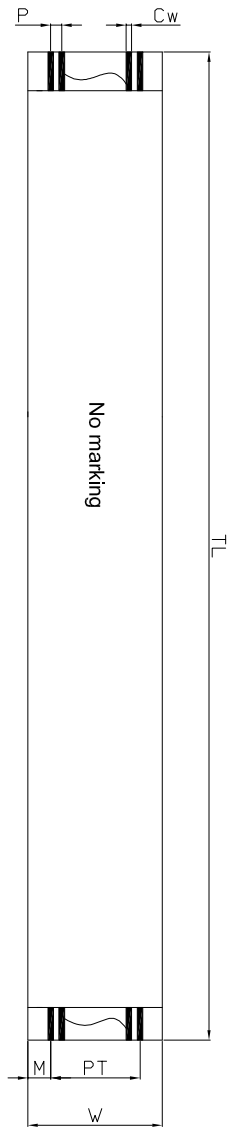


1 2 3 4 5 6 7



③ 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
Packaging: PE bag

Spec		Spec	
Conductor poles	N ②① 4-50P	S1	3.5
Pitch	P 1.0	S2	3.5
Total cable length	TL see order code	B1	6.0
Total pitch	PT (N-1)XP	B2	6.0
Total width	W (N+1)XP	T	0.303
Edge distance	M 1.0	Tt	0.121
		Cable thickness	±0.05
		Cutting slope	±0.05

Construction		Spec.	
No.	Name	No marking	43µm PET
①	Insulation thickness	No marking	43µm PET
②	Insulation thickness	No marking	43µm PET
③	Support tape tk.	PET Blue	225µm
④	Conductor (Trimmed copper)	thickness C	0.035±0.005
	1turn min. Tin plated	Width Cw	0.65±0.03

WSW order code:
AFFC-100-xx-xxx-11

No. of poles: ②04~50

Total Cable length

254: 254±3mm
305: 304.8±5mm
457: 457.2±5mm

051: 50.80±1mm
076: 76.20±2mm
102: 101.6±2mm
127: 127±2mm
153: 152.4±2mm
203: 203.2±3mm

RoHS compliant

Unit: mm

Scale	Free	Date		Name	
TOLERANCE		Drawn	30.06.2016	Amy	
XX	±5	Approved	10.11.2016	Amy	
X	±1				
X.X	±0.2				
DIM	TOL				
Angle	TOL				

Customer-No.	ASSMANN WSW-No.	
	AFFC-100-xx-xxx-11	
Drawing-No.	ASS 7541 CA	rev03
Replace		Sheet

1 2 3 4 5 6 7

H G F E D C B A