



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

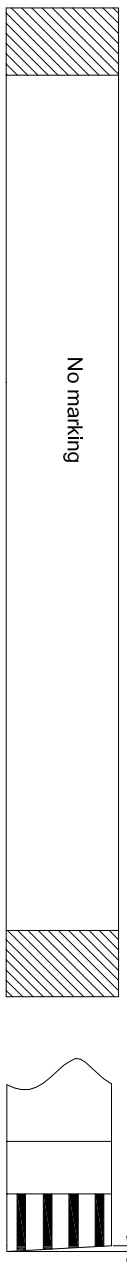
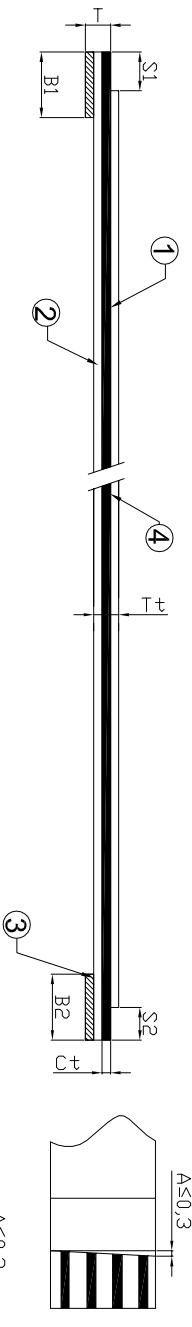
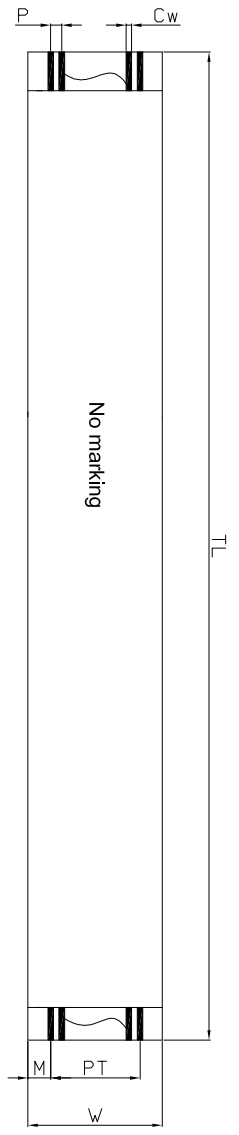
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1 2 3 4 5 6 7



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/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	① 4-80P	
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	±0.06

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		Spec.	
No.	Name		
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	Id.	Modification
TOLERANCE			
XX	±5		
X	±1		
X.X	±0.2		
DIM			
	TOL		
Angle	TOL		

Date	Name	Date	Name
22.09.2016	Amy	10.11.2016	Amy
30.06.2016	Amy	10.11.2016	Amy

Customer-No.	ASSMANN WSW-No.	AFFC-050-xx-xxx-11
Drawing-No.	ASS 7540 CA	rev02
Replace		Sheet

1 2 3 4 5 6 7

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