



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

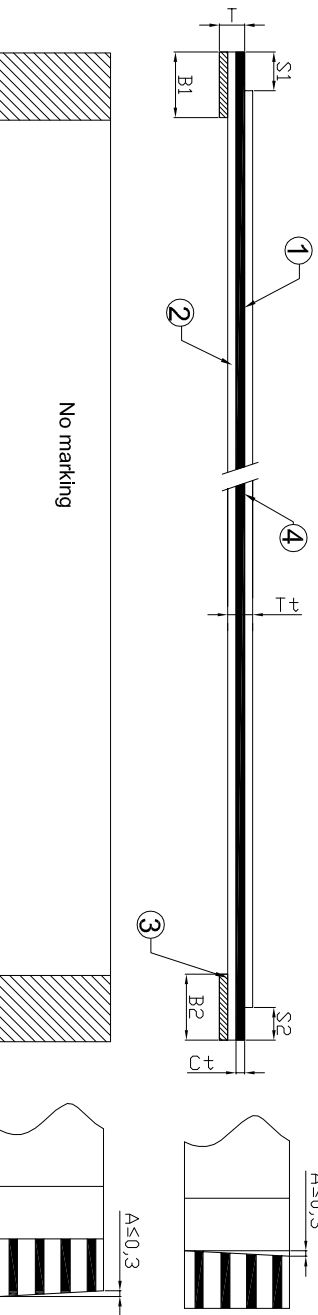
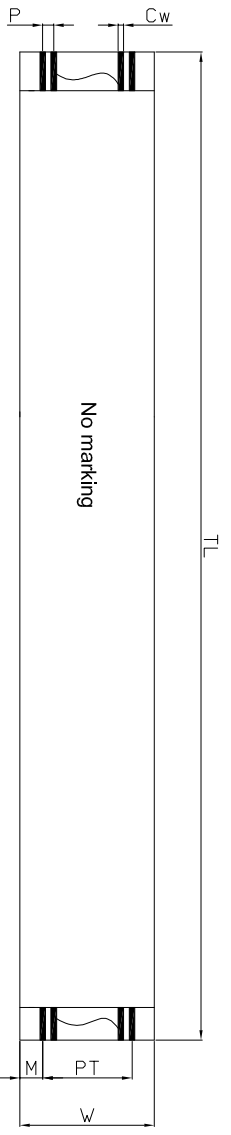
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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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 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  
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 |
|                    |                   | Support tape length | ±0.05 |
|                    |                   | Strip length        | ±0.5  |
|                    |                   | Support slope       | ±0.5  |

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

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

No. of poles: ②04~50

Total Cable length  
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 | Id. | Modification           |
|-----------|------|-----|------------------------|
| TOLERANCE |      |     |                        |
| XX        | ±5   | ③   | Add specification      |
| X         | ±1   | ②   | Update conductor poles |
| X.X       | ±0.2 | ①   | Update conductor poles |
| DIM       | TOL  | ①   | Update conductor poles |
|           |      | ①   | Drawn                  |
| Angle     | TOL  |     |                        |

| Date       | Name | Date       | Name |
|------------|------|------------|------|
| 10.11.2016 | Amy  | 30.06.2016 | Amy  |
| 22.09.2016 | Amy  |            |      |
| 15.08.2016 | Amy  |            |      |



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