



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

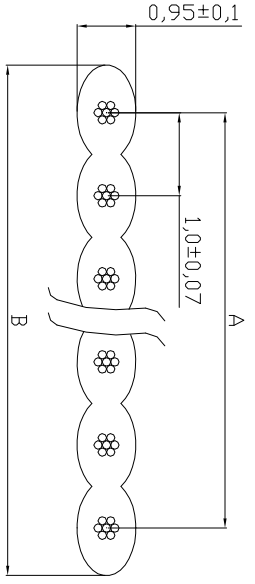
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1 2 3 4 5 6 7



Cores <sup>③</sup>	Size of conductor AWG	Composition	A <sup>②</sup>		Cores <sup>③</sup>	Size of conductor AWG	Composition	A <sup>②</sup>		B <sup>②</sup>
05	28	7/0.127	4.00±0.20	5.00±0.20	24	28	7/0.127	23.0±0.25	24.0±0.25	
08	28	7/0.127	7.00±0.20	8.00±0.20	25	28	7/0.127	24.0±0.25	25.0±0.25	
09	28	7/0.127	8.00±0.20	9.00±0.20	26	28	7/0.127	25.0±0.25	26.0±0.25	
10	28	7/0.127	9.00±0.20	10.0±0.20	30	28	7/0.127	29.0±0.30	30.0±0.30	
12	28	7/0.127	11.0±0.20	12.0±0.20	34	28	7/0.127	33.0±0.30	34.0±0.30	
14	28	7/0.127	13.0±0.25	14.0±0.25	③37	28	7/0.127	36.0±0.30	37.0±0.30	
16	28	7/0.127	15.0±0.25	16.0±0.25	40	28	7/0.127	39.0±0.35	40.0±0.35	
18	28	7/0.127	17.0±0.25	18.0±0.25	44	28	7/0.127	43.0±0.35	44.0±0.35	
20	28	7/0.127	19.0±0.25	20.0±0.25	50	28	7/0.127	49.0±0.35	50.0±0.35	①

**Material**  
 ① Insulation: PVC Color: Brown, Red, Orange, Yellow, Green, Blue, Purple, Grey, White, Black  
 Insulation thickness: 9.5mil ave ; 8.5mil min.

**Conduction**  
 AWG size: 28AWG  
 Number of stands in each conductor: 7/0.127mm TC  
 Lay of strands in each conductor: 0.5 inch at least  
 Cross section area: 156 circular mil

**Electronic characteristics**  
 Spark test: 2500 V  
 Dielectric strength test: 2000V min. in 1 minute  
 Conductor resistance: 237Ω max./KM  
 Insulation resistance: 100MΩ max./KM  
 Capacity: 40pF/M  
 Inductance: 1.45μH/M  
 Impedance: 100Ω  
 Propagation delay time: 4.2ns/m

**Cable physical properties**  
 After seven days air oven at 136°C  
 Average tensile strength: 1500 Tlbs/inch<sup>2</sup>  
 Percent of original: 70% at least  
 Average elongation: 200%  
 Percent of original: 65% at least

UL style: 2651  
 Rated temperature: 105°C  
 Rated voltage: 300V  
 Passes VW-1 vertical flame test

<b>ROHS compliant</b> Unit: mm		Scale	Free								
		TOLERANCE									
G				③	Add more cores	05.08.2016	Amy	Approved	05.08.2016	Amy	ASSMANN WSW-No. AWG28-xx/F-1/300
				②	Update the tolerance	04.11.2015	Amy				
				①	Update	08.04.2015	Amy				
				①	Drawn	30.01.2015	Amy				
H		Angle	TOL	Id.	Modification	Date	Name			Drawing-No. ASS 7311 CA	rev03
	1	2	3	4	5	6	7	Replace	Sheet		