



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

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



### Ratings

Voltage: 300 V  
 Temperature: -10 to 105 °C  
 Flammability: VW-1

### Conductor

Conductor count: 2  
 Gauge: 16 AWG 1.32 mm<sup>2</sup>  
 Material: tinned copper strands  
 Strand size:  $\varnothing$  0.25 mm x 26  
 Max resistance at 20 °C: 14.6  $\Omega$ /km

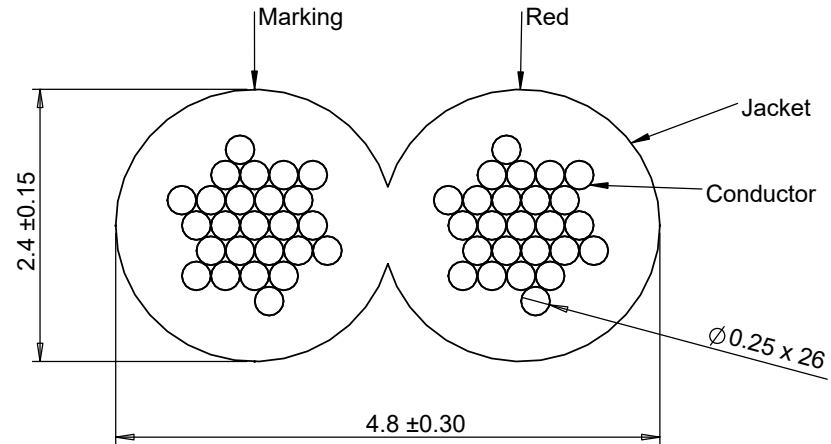
### Outer jacket

Material: PVC/38P  
 Color: red and black  
 Diameter: 4.8  $\pm$ 0.30 mm ( 2.4  $\pm$ 0.15 x 2)  
 Nominal thickness: 0.44 mm  
 Resistance at 20 °C: 10 M $\Omega$ /km

**Wire marking:** E339579 UL AWM STYLE 2651 16 AWG 105°C  
 300V VW-1 - - - cUL AWM I A 105°C 300V FT1 TENSILITY

### Tests

Voltage test: 300 V  
 Spark test: 3.0 kV  
 Jacket tensile strength: 1.05 kgf/mm<sup>2</sup>  
 After aging at 136  $\pm$ 2 °C for 7 days:  
 Minimum tensile strength 70 % original  
 Minimum elongation 65 % original  
 Heat shock: 136  $\pm$ 1 °C /1 hour, no observed degradation  
 Deformation: 136  $\pm$ 1 °C /1 hour,  $\leq$  50 %  
 Cold bend: -10  $\pm$ 2 °C /1 hour, no observed cracking  
 Dielectric test: 2000 Vac for 1 minute without breakdown



Revision:	Date:	Description:	Prepared:	Notes:	<b>TENSILITY</b> tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com
A	12/6/2016	Initial release	DN <small>Digitally signed by DN Date: 2016.12.06 08:36:45 +08'00'</small>	RoHS and REACH compliant	
			Verified:	Function test: no open, no short circuit, no intermittent	Size: Part number:
			GL <small>Digitally signed by GL Date: 2016.12.08 08:59:41 -08'00'</small>	Description:	A 30-00792
			Dimensions are in millimeters. Tolerances: X: $\pm$ 0.5 mm X.X: $\pm$ 0.3 mm X.XX: $\pm$ 0.05 mm	Wire, 2C TS, 16 AWG, UL2651, 300V, 105C, 4.8 mm, VW-1, PVC, red and black	Scale: 15:1
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