

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!



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Ratings

Voltage: 300 V Temperature: 80 °C Flammability: VW-1, FT1

Conductor

Conductor count: 2 Gauge: 28 AWG, 0.09 mm² Material: tinned copper strands

Stranding: \emptyset 0.127 x 7

Resistance at 20 °C: 240 ohm/km maximum

Insulator

Material: SRPVC, 80 °C Color: black red

Outer diameter: \emptyset 0.95 ±0.10 mm Thickness: 0.23 mm minimum average

Style: UL 1061

Outer jacket

Material: PVC, 80 °C

Color: gray

Diameter: \emptyset 3.45 ±0.20 mm

Thickness: 0.76 mm minimum average

Wire marking: E339579 UL AWM STYLE 2464 28AWG 80°C 300V VW-1 --- cUL AWM I A 80°C 300V FT1 TENSILITY

Tests

Tensile strength: 1.05 kgf/mm² After aging at 113 ±2 °C for 7 days:
Minimum tensile strength 70 % original Minimum elongation 65 % original Flexibility: no observed cracking

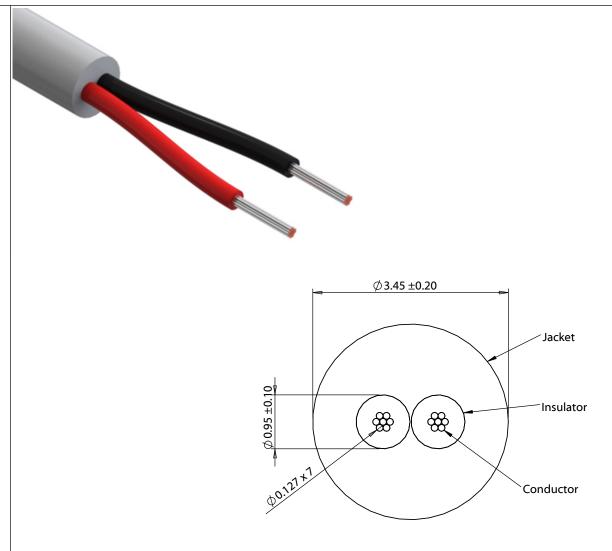
Heat shock: 121 ±1 °C /1 hour, no observed degradation

Deformation: 121 ± 1 °C /1hour, 10 observed acquired Cold bend: -10 ± 2 °C /1 hour, no observed cracking Dielectric: 2000 Vac for 1 minute without breakdown

Use:

Internal wiring or external interconnection of electronic equipment

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REVISION A	DATE 1/22/2016	DESCRIPTION Initial release	PREPARED: AG 2016.01.22 08:59:01-08'00'	NOTES RoHS and REACH compliant Function test: no open, no short circuit, no intermittent Meets UL appliance wiring standard 758		TENSILITY 20802 Sockeye Place #130 Bend, OR 97701 USA tel 541.323.3228 fax 541.323.4202 800 877.670.7118 www.tensility.com			
			VERIFIED: LA DIMENSIONS ARE IN MILLIMETERS TOLERANCES: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm						
				DESCRIPTION: Wire, 2C TS, 28 AWG, UL2464, 3 VW-1, PVC, gray	00V, 80C, 3.45 mm,	SIZE A SCALE	. 20.00700		

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