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: 80 °C
Flammability: VW-1, FT1

Conductor
Conductor count: 5
Gauge: 24 AWG, 0.22 mm²
Material: tinned copper strands
Stranding: ∅0.16 x 11
Resistance at 20 °C: 95 ohm/km maximum

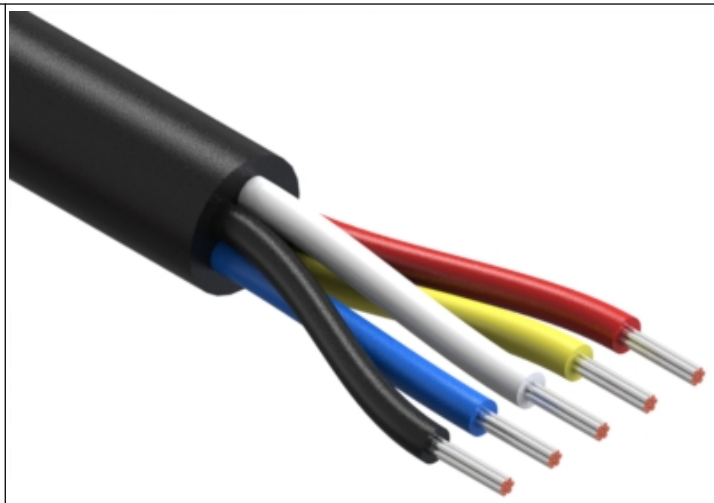
Insulator
Material: SRPVC, 80 °C
Color: black, white, red, yellow, blue
Outer diameter: ∅1.2 ±0.10 mm
Thickness: 0.23 mm minimum average
Style: UL 1061

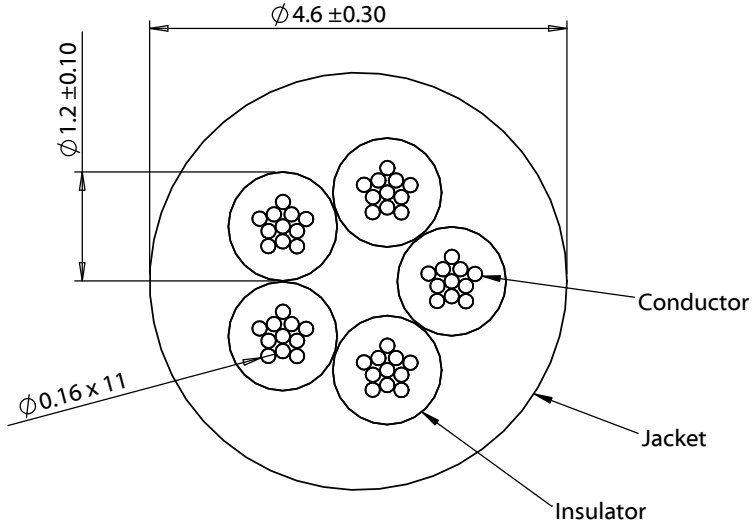
Outer jacket
Material: PVC, 80 °C
Color: black
Diameter: ∅4.6 ±0.30 mm
Thickness: 0.76 mm minimum average

Wire marking: E339579 UL AWM STYLE 2464 24AWG 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, ≤ 50 %
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





REVISION	DATE	DESCRIPTION
A	10/14/2015	Initial release
A1	1/22/2016	Updated stranding

PREPARED: AG 2016.01.26 07:18:18 -08'00'

VERIFIED: LA Digitally signed by LA DN: cn=LA, o=Tensility, ou=Engineering, email=QA002@Tensility.com, c=US Date: 2016.01.26 16:26:58 -08'00'

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

NOTES
RoHS and REACH compliant

Function test: no open, no short circuit, no intermittent

Meets UL appliance wiring standard 758

DESCRIPTION:
Wire, 5C TS, 24 AWG, UL2464, 300V, 80C, 4.6 mm, VW-1, PVC

TENSILITY
20802 Sockeye Place #130
Bend, OR 97701 USA
tel 541.323.3228 *fax* 541.323.4202
800 877.670.7118 www.tensility.com

SIZE: A
PART NUMBER: 30-00501
SCALE: 12:1
SHEET 1 OF 1

5 4 3 2 1