



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



Ratings

Temperature: 0 ~ 70 °C
 Voltage: 150 V

Conductor

Gauge: 32 AWG, 0.039 mm²
 Material: tinned copper strands
 Stranding: $\varnothing 0.05 \times 19$
 Resistance at 20 °C: 590 Ω /km

Insulator

Material: HDPE
 Color: black, white, red
 Outer diameter: $\varnothing 0.55 \pm 0.05$ mm
 Nominal thickness: 0.15 mm
 Resistance at 20 °C: 1000 M Ω /km

Shield

Type: spiral
 Material: tinned copper strands
 Strand size: $\varnothing 0.08$ mm
 Coverage: 90 % minimum

Outer jacket

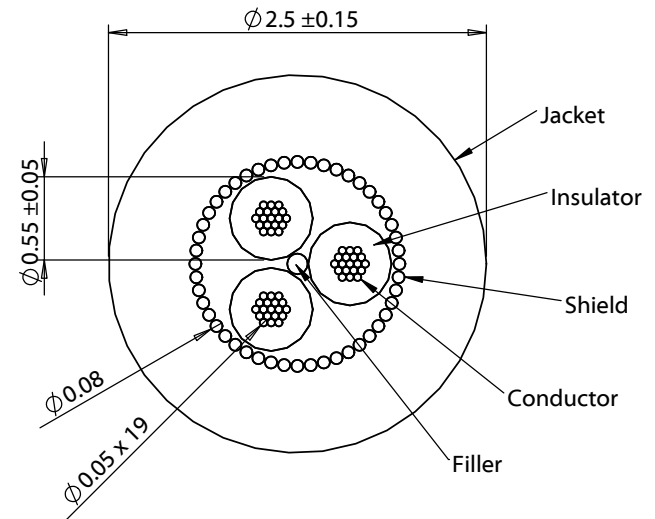
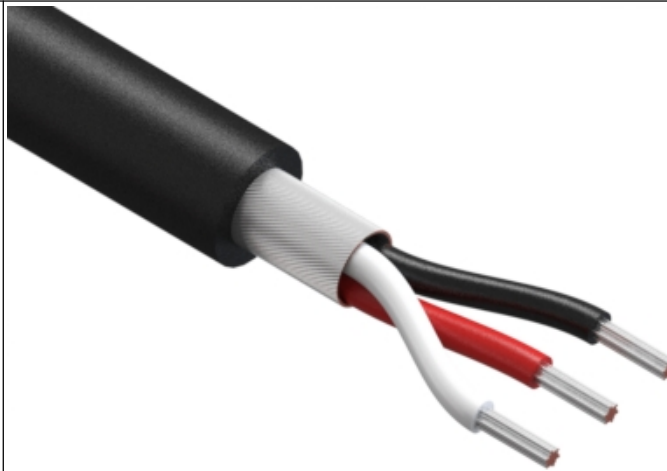
Material: TPU, 70 °C
 Color: black
 Nominal thickness: 0.50 mm
 Diameter: $\varnothing 2.5 \pm 0.15$ mm

Filler

Material: kevlar

Tests

Tensile strength: 25.5 kgf
 Dielectric test: 1500 V dc for 1 minute without breakdown
 Bend test at 200 g, $\pm 90^\circ$, 30 cycles /min: 10,000 cycle minimum



REVISION	DATE	DESCRIPTION
A	7/31/2015	Initial release
A1	1/13/2016	Updated notes, corrected tolerances

PREPARED:

AG

2016.01.13
17:01:48
-08'00'

VERIFIED:

LA

Digitally signed by LA
DN: cn=LA, o=Tensility,
ou=Engineering,
email=64602@tensility.com, c=US
Date: 2016.01.13 17:38:20 -0800'DIMENSIONS ARE IN
MILLIMETERSTOLERANCES:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

NOTES

RoHS and REACH compliant

Jacket meets ISO 10993 Biological Compatibility

Phthalate and halogen free

Function test: no open, no short, no intermittent

DESCRIPTION:

Wire, 3C TS, 32 AWG, 150V, 70C, 2.5 mm, spiral
shield, TPU**TENSILITY**20802 Sockeye Place #130
Bend, OR 97701 USAtel 541.323.3228 fax 541.323.4202
800 877.670.7118 www.tensility.com

SIZE

A

PART NUMBER

30-00494

SCALE: 1:1

SHEET 1 OF 1