



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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**Part Number: 9987**

Hook-Up/ Lead Wire, UL AWM Style 1061, (1) 30 AWG (7x38) TC, PVC, 300V RMS, 80°C

 [Request Sample](#)

## Product Description

One 30 AWG stranded (7x38) tinned copper conductor, PVC insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
30	7x38	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	30 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.032 in	0.01 in

#### Outer Jacket Material

Material
No Jacket

### Construction and Dimensions

#### Stranding

Twists
6.9 twist/ft

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
6.8 Ohm/1000ft	6.9 Ohm/km
Shielding:	Unshielded

#### High Frequency (Nominal/Typical)

Nom. Insertion Loss
6.9 dB/100m
6.9 dB/100m
6.9 dB/100m

#### Voltage

Non-UL Voltage Rating	UL Voltage Rating
300 V	300 V

### Temperature Range

Non-UL Temp Rating:	80°C
UL Temp Rating:	80°C

## Mechanical Characteristics

Bulk Cable Weight:	0.8 lbs/1000ft
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### Dimensions (WxHxD)

<b>Width</b>
6.85

## Standards

UL Rating:	300V RMS, 80°C
UL AWM Style:	AWM 1061
CSA Rating:	300V RMS, 80°C
CSA AWM Specification:	AWM I A/B
CSA Type:	AWM I, A/B
Military Specification:	N/A

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color
9987 010100	Black
9987 0101000	Black
9987 0021000	Red
9987 0071000	Violet
9987 009100	White
9987 0091000	White

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