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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





**Part Number: 9981**

Hook-Up/ Lead Wire, UL AWM Style 1061, (1) 18 AWG (19x30) TC, PVC, 300V RMS, 80°C

 [Request Sample](#)

## Product Description

One 18 AWG stranded (19x30) tinned copper conductor, PVC insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
18	19x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	18 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.066 in	0.01 in

#### Outer Jacket Material

Material
No Jacket

### Electrical Characteristics

Shielding:	Unshielded
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#### High Frequency (Nominal/Typical)

Nom. Insertion Loss
6.5 dB/100m
6.5 dB/100m
6.5 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

### 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	Footnote
9981 010100	Black	
9981 0101000	Black	P
9981 013100	Blue, Dark	
9981 0131000	Blue, Dark	P
9981 001100	Brown	
9981 0011000	Brown	P
9981 0081000	Gray	
9981 005100	Green, Dark	
9981 0051000	Green, Dark	P
9981 003100	Orange	
9981 0031000	Orange	P
9981 002100	Red	
9981 0021000	Red	P
9981 007100	Violet	
9981 0071000	Violet	P
9981 009100	White	
9981 0091000	White	P
9981 004100	Yellow	
9981 0041000	Yellow	P

Footnote:	P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'.
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