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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!



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**Part Number: 9923**

Hook- Up/ Lead Wire UL AWM Style 1007 & 1569, (1) 24 AWG (7x32) TC, PVC, 300V 80°C, 300V 105°C

[Request Sample](#)

## Product Description

One 24 AWG stranded (7x32) tinned copper conductor, PVC insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	24 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness	Min. Average Wall Thickness
PVC - Polyvinyl Chloride	0.056 in	0.016 in	0.015 in

#### Outer Jacket Material

Material
No Jacket

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
23.25 Ohm/1000ft

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

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

#### Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	7.0 A

#### Voltage

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

### Temperature Range

Non-UL Temp Rating:	105°C
UL Temp Rating:	105°C
Operating Temp Range:	-20°C To +105°C

### Mechanical Characteristics

Bulk Cable Weight:	2.6 lbs/1000ft
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## Standards

UL Rating:	300V RMS, 80°C and 300V, 105°C
UL AWM Style:	UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C)
CSA Rating:	300V RMS, 105°C
CSA AWM Specification:	TRSR-64
CSA Type:	TRSR-64
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
9923 010100	Black	
9923 0101000	Black	P
9923 0105000	Black	C
9923 0131000	Blue, Dark	P
9923 0011000	Brown	P
9923 0081000	Gray	P
9923 0051000	Green, Dark	P
9923 0031000	Orange	P
9923 002100	Red	
9923 0021000	Red	P
9923 0025000	Red	P
9923 0071000	Violet	P
9923 009100	White	
9923 0091000	White	P
9923 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'.
Footnote:	C - CRATE REEL PUT-UP.

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