

# SPECIFICATION

P/N: 29AWG WIRE

Customer File NO. \_\_\_\_\_

Customer Signed by. \_\_\_\_\_

**SHS TECHNOLOGY CO.,LTD**

**苏州尚虹鑫电子科技有限公司**

APPROVED	CHECK	DRAWING
<div>徐 磊</div> <div>2023.4.10</div>	<div>徐 磊</div> <div>2023.4.10</div>	<div>王思哲</div> <div>2023.4.10</div>

## 1. Scope

This specification covers micro wire for medical equipment.

## 2. Construction and Material

Item		Unit	Specified Value
Conductor	AWG Size	-	29AWG
	Material	-	Tinned copper wire
	Stranding	No./mm	7/7/0.04
	Diameter	mm	0.36
Insulation	Material	-	FEP
	Color	-	Black
	Thickness	mm	0.16
	Diameter	mm	0.68±0.02

## 3. Electrical Properties

Item	Unit	Specified Value
Conductor Resistance (@ 20°C)	$\Omega$ /km	Max. 480
Insulation resistance (@ 20°C)	M $\Omega$ -km	Min. 1,000
Dielectric Strength	-	To withstand A.C. 500V for 1min
Capacitance (@ 1kHz)	pF/m	NA
Impedance (@ TDR)	$\Omega$	NA

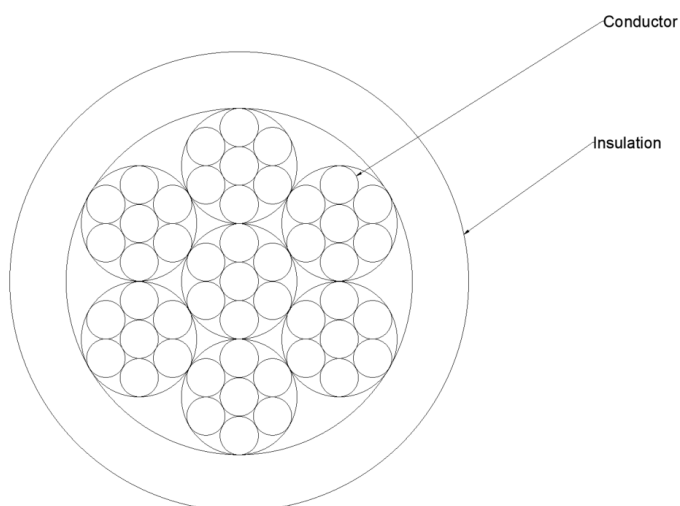


Fig.1 Cross section of wire