




SPECIFICATION

P/N: UL1354 1X40AWG Z50 PET

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
 <p>徐磊 2022.8.19</p>	 <p>徐磊 2022.8.19</p>	 <p>王思哲 2022.8.19</p>

1. Scope/适用

This specification covers micro-coaxial cable for consumer equipment.

此极细同轴规格适用于消费类电子产品

2. Construction and Material/结构和材料

Item 项目		Unit 单位	Specified Value
Conductor 导体	AWG Size/尺寸	-	40
	Material/材料	-	Tinned copper alloy/镀锡铜合金线
	Stranding/构成	No./mm	7/0.03
Insulation 绝缘	Material/材料	-	FEP
	Color/颜色	-	Light Black/浅黑
	Thickness(Nom)/标准厚度	mm	0.075
	Concentricity/同心率	%	Min.85
	Diameter/直径	mm	0.24
Spiral Shield 缠绕屏蔽	Type/种类	-	Wrap/缠绕
	Material/材料	-	Tinned copper wire/镀锡铜线
	Coverage/覆盖率	%	Min.90
Tape Shield 包带屏蔽	Type/种类	-	Wrap/缠绕
	Material/材料	-	Cu metalized polyester tape 铜蒸聚脂包带
Jacket 外被	Material/材料	-	Halogen free type polyester tape 无卤聚脂包带
	Thickness(Nom)/标准厚度	mm	0.01
	Color /颜色	-	According customer requirement 根据客户要求
	Diameter/直径	mm	0.35±0.03

3. Electrical Properties/电性能

Item/项目	Unit/单位	Specified Value/规格值
Rating temperature/额定温度	°C	80
Rating voltage/额定电压	V	30
Conductor Resistance (@ 20°C) 导体电阻	Ω/km	Max. 5,000
Insulation resistance (@ 20°C) 绝缘电阻	MΩ -km	Min. 1,000
Dielectric Strength ¹⁾ /耐电压	-	To withstand A.C. 500V for 1min 交流电 500V/1 分钟
Impedance (@ TDR 1ns)/特性阻抗	Ω	50±5
Flammability/难燃性	-	VW-1

1): Applied between conductor and spiral shield. ./ 应用于导体和缠绕屏蔽之间

4. Packing/包装

4.1 Unit length/单位长度

(1) Standard length with no splices : 500m/reel

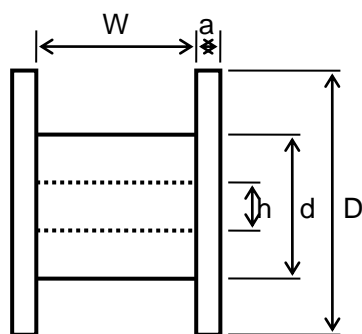
标准长度无结头: 500m/轴

(2) Minimum length with no splices : 100m/reel

最小长度无结头: 100m/轴

4.2 Package/包装方法

Plastic reel into carton box./缠绕在线轴上后放入纸箱。



[Unit : mm]

Code	D	d	W	a	h
P-3	130	60	90	10	20

Fig.1 Dimension of plastic reel

图1. 线轴尺寸

REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	8/19/2022	First Released	Carter.W	Lester.X	Lester.X