

CHARACTERISTICS (特性):

- a、Excellent mechanical properties
(优良的机械性能)
- b、Excellent thermal stability
(优良的热稳定性)
- c、Using the hot extrusion processing
(使用热挤出加工)
- d、Low temperature soft good performance
(低温柔软性能良好)
- e、Can be twisted pair and multi-core
(可以对绞和多芯绞线)
- f、Good flame retardancy (VW-1)
(良好的阻燃性 VW-1)
- g、Electrical insulation good
(良好的电气绝缘性能)
- h、Of high resistance to chemicals
(耐化学药品性高)
- i、Chemistry stability is good
(化学稳定性好)
- j、low smoke, non-halogen
(低烟无卤)
- k、ROHS compliant
(符合 ROHS)
- l、Wide application, High cost
(应用广泛, 成本高)
- m、Thermosetting plastic
(热固性塑料)

SHOULD BE USED (应用):

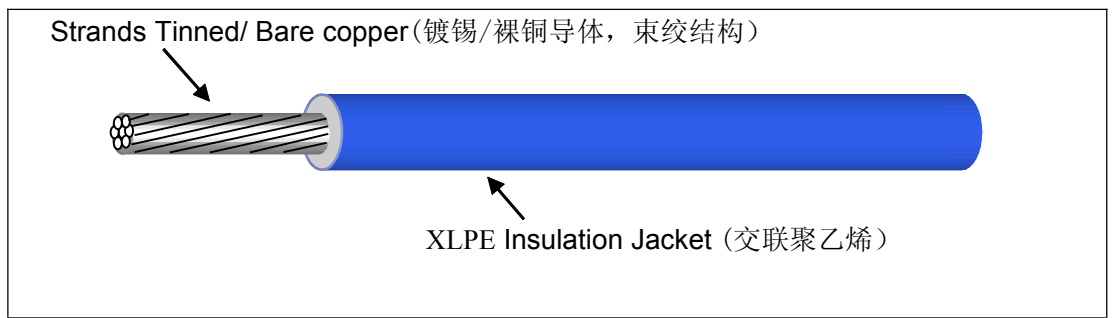
一般商用电子、电子电器及设备仪器内部连接线环境温度不超过 150℃场合。

For general purchase internal wiring of appliances and electronic equipments where exposed to temperatures not Exceeding 150℃.

REFERENCE (参考标准):

UL758-2010;UL1581-2009;CSA

Outline (概述):



Wire structure description(结构描述):

Conductor: Tinned/ Bare copper;
(导体结构: 镀锡/裸铜导体)
Jacket insulation materials: XLPE Insulation
(护套的绝缘材质: 交联聚乙烯)

电气、电子设备内部接线用导体温度为 150℃的单芯导体无护套电缆 UL3613

Rated temperature: 150℃ Rated Voltage 3KV

额定温度: 150℃ 额定电压: 3KV

Type	AWG	Construction Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	Insulation thickness (mm)		Overall diameter(mm)	
					Nom.	Min.	Nom	Tole.
3613	10	105/0.251	3.54	3.08	0.38	0.35	3.84	±0.15
	12	65/0.251	5.64	2.34	0.38	0.35	3.10	±0.15
	14	41/0.251	8.96	1.86	0.38	0.35	2.62	±0.15
	16	26/0.251	14.60	1.48	0.38	0.35	2.24	±0.10
	18	16/0.254	23.20	1.17	0.38	0.35	1.93	±0.10
	20	21/0.18	36.70	0.95	0.38	0.35	1.71	±0.10
	22	17/0.16	59.40	0.76	0.38	0.35	1.52	±0.10
	24	11/0.16	94.20	0.61	0.38	0.35	1.37	±0.10
	26	7/0.16	150.00	0.48	0.38	0.35	1.24	±0.10
	28	7/0.127	239.00	0.38	0.38	0.35	1.14	±0.10
	30	7/0.10	381.00	0.30	0.38	0.35	1.06	±0.10

注 20℃时导体最大直流电阻为镀锡铜导体电阻

Note: 20℃ maximum conductor dc resistance for tin copper conductor resistance

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.(型号)	Packing(包装方式)- Ft/roll			
10AWG	<input type="checkbox"/> 250Ft	<input checked="" type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
12~16AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input checked="" type="checkbox"/> 1000Ft	<input type="checkbox"/> 2000Ft
18~30AWG	<input type="checkbox"/> 250Ft	<input type="checkbox"/> 500Ft	<input type="checkbox"/> 1000Ft	<input checked="" type="checkbox"/> 2000Ft



According to customer requirements for packaging packaging