

住友电工（苏州）电子线制品有限公司
SUMITOMO ELECTRIC INTERCONNECT PRODUCTS (SUZHOU) LTD.
中国 苏州市新区金枫路 232 号 邮编：215129
No. 232 Jingfeng Road, SuZhou 215129, China

编 号
Spec. NO: IEE8-02042B (SZ)

客 户 :
Customer :

规 格 书

SPECIFICATION

绝缘电线

Insulated Wire

UL10011 (80°C, 30V)

AWM10011 PFA Insulated Wire

(AWG36)

编制日期/Date : 2005-12-05

编制/Signed by: 余 世 虎



制品技术科 科长: 吴 红 星

Mr. Wu hong xing

Director of Design Engineering Section



编号/Spec. No. : IHE8-02042B(SZ)

住友电工（苏州）电子线制品有限公司

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS (SUZHOU) LTD.

1. 适用范围

本规格书制定了绝缘电线的结构和电气特性。

UL10011 (80°C, 30V)

AWM10011 PFA 绝缘电线 (AWG36)

1. Scope

This specification covers the construction and the electrical properties of Insulated Wire.

UL10011 (80°C, 30V)

AWM10011 PFA Insulated Wire (AWG36)

2. Construction/结构

Unit/单位: mm

Item/项目	Details/详细资料	
Conductor/导体	Material/材料	Tinned Annealed Copper Wire/镀锡软铜线
	Composition (No. /mm) 构成 (根/mm)	7/0.05
	O.D/外径	0.150
Insulation/绝缘层	Material/材料	PFA (COLOR)* /PFA (色)*
	Nom. Thick. /标称绝缘厚度	0.070
	O.D/外径	0.290

可提供颜色：自然色、黑、棕、红、橙、黄、绿、蓝、紫、灰、白。

3. Electrical Properties (at 20°C) /电气特性 (20°C时)

Item/项目	Unit/单位	Details/详细资料
Conductor Resistance/导体阻抗	Ω /km	Max. 1520
Insulation Resistance/绝缘阻抗	$M\Omega \cdot km$	Min. 1524
Dielectric Strength/耐压强度	V(AC)/min	300
Rating of Temperature/额定温度	$^{\circ}C$	80
Rating of Voltage/额定电压	V	30

4. 包装

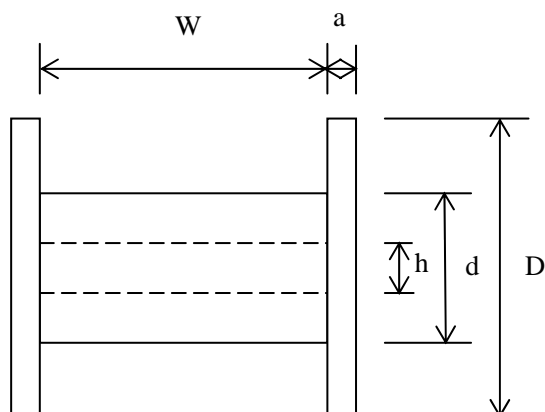
标准单位包装长度为 500 米/盘，在搬运过程中不能损坏包装。

- 塑料盘尺寸 (P-200;Black)

4. Packing

Standard unit length of finished cable shall be 500m on reel and shall be packed not to be damaged during transportation.

- Dimension of plastic reel (P-200;Black)



单位/Unit: 毫米/mm

Item	D	d	W	a	h
P-200	200	90	110	10	25

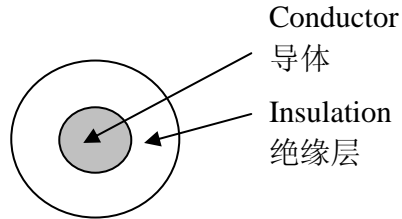
编号/Spec. No. : IHE8-02042B(SZ)

住友电工（苏州）电子线制品有限公司

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS (SUZHOU) LTD

用途:仅用作电子设备内部二级回路配线。

Use: Internal Wiring of Electronic Equipment in
Class 2 Circuits only.



*This products is not suitable for automobile application in some cases .

Please contact with our sales office before you use this product.

*本制品有时不适合车载用途的情况也有，所以使用前请先和弊社营业进行商谈。

规格书完
End of specification