

一般漆包線 General Magnet Wires

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NFW 熱熔斷漆包銅線 Nylon Fuse Enamelled Copper Wire

當線圈通電過熱時，此種線材自己會熔斷，可避免起火燃燒。
The coil be heated by the electric current, when it being over-heated, then they will be cut off by itself, it can avoid fire accident.

◎特長 Features

- 1.直焊性佳
 - 2.電器設備中的保護設計，可代用保險絲，最適合使用於電源轉接器
- 1.Solderable.
2.Used in electric equipment for protection(fuse wire), suitable for adaptor.

- ◎適用標準：本公司標準
◎用途：小型變壓器、電源轉接器
●Applicable standard :JIS Standard.
●Applications :Small transformers, power supply.
◎耐熱等級與製造範圍 Thermal class and range of manufacture

品名 Code	耐熱等級 Thermal Class		製造範圍 (mm) Range of Manufacture (mm)			
	(°C)	UL 認可 UL-Approved	0 種 Class 0	1 種 Class 1	2 種 Class 2	3 種 Class 3
NFW	A(105)	—	—	—	0.10 0.30	—

LWU B級低溫可焊聚胺酯漆包銅線 Class B Low Temperature Solderable Polyurethane Enamelled Copper Wire

這種線材的焊錫溫度比一般聚胺酯漆包銅線為低。
This wire can be soldered at temperature lower than those for ordinary polyurethane enamelled copper wire.

◎特長 Features

- 1.焊錫溫度降至340°C，可改善焊錫作業
 - 2.無龜裂
- 1.The soldering temperature can be low as 340°C for easy operation.
2.Non-cracking.

- ◎適用標準：JIS C 3202"聚胺酯漆包銅線"、NEMA MW75C、IEC 60317-4
◎用途：小型線圈
●Applicable standard :Standard based on JIS C 3202、NEMA MW75C、IEC 60317-4
●Applications :Small coils

◎耐熱等級與製造範圍 Thermal class and range of manufacture

品名 Code	耐熱等級 Thermal Class		製造範圍 (mm) Range of Manufacture (mm)			
	(°C)	UL 認可 UL-Approved	0 種 Class 0	1 種 Class 1	2 種 Class 2	3 種 Class 3
LWU	B(130)	—	0.06 0.20	0.03 0.20	0.025 0.20	0.025 0.20

LUY B級低溫可焊聚胺酯尼龍漆包銅線 Class B Low Temperature Solderable Polyurethane overcoated with Nylon Enamelled Copper Wire

在絕緣的聚胺酯漆膜之外，再覆蓋一層尼龍漆膜，具耐加工及耐劣化特性。
Covered with two layers of film — nylon resin over Class B low temperature solderable polyurethane insulation, this wire is highly resistant to deterioration caused by working.

◎特長 Features

- 1.尼龍層使得表面平滑，最適合自動機械的卷線作業
 - 2.耐磨耗性、耐熱衝擊和耐溶劑性均較LWU佳
- 1.The nylon overcoat makes the wire smooth enough to be suitable for automatic coil winding. 2.Non-cracking.

- ◎適用標準：JCS409聚胺酯、聚胺酯漆包銅線、JCS409、NEMA MW28C、IEC 60317-19
◎用途：小型馬達、小型變壓器
●Applicable standard :Standard based on JCS 409 NEMA MW28C IEC 60317-19.

●Applications :Small motors, small transformers.

◎耐熱等級與製造範圍 Thermal class and range of manufacture

品名 Code	耐熱等級 Thermal Class		製造範圍 (mm) Range of Manufacture (mm)			
	(°C)	UL 認可 UL-Approved	0 種 Class 0	1 種 Class 1	2 種 Class 2	3 種 Class 3
LUY	B(130)	MW28C	0.08 0.20	0.06 0.20	0.04 0.20	0.04 0.20

UEW 聚胺酯漆包銅線 Polyurethane Enamelled Copper Wire

這種線材是在導體表面烤上絕緣塗料，其主要成份為聚胺酯樹脂 (PU resin)，經由多元醇(Polyol)與異氰酸鹽(Isocyanate)的架橋反應而成。

Over its copper conductor, this wire has baked varnish insulation mainly composed of polyurethane resin in which polyol is cross-linked with isocyanate.

◎特長 Features

- 1.泛用聚胺酯漆包銅線，被廣泛使用在市場上
 - 2.焊錫溫度約380°C
 - 3.容易著色(原、紅、綠、藍)
 - 4.在高頻率下，具有優良的誘電特性
1. Most widely used magnet wire. 2. Solderable at 380°C 3. Easily colored can be colored in a variety of colors. (normal, red, green, blue) 4. Excellent dielectric characteristics at high frequencies.

- ◎適用標準：JIS C 3202"聚胺酯漆包銅線"、NEMA MW75C、IEC 60317-4
◎用途：繼電器線圈、小型馬達、小型變壓器、通訊設備用線圈
●Applicable standard :Standard based on JIS C 3202 NEMA MW75C IEC 60317-4.

●Applications :Relay coils, small motors, small transformers, coils for telecommunication equipment.

◎耐熱等級與製造範圍 Thermal class and range of manufacture

品名 Code	耐熱等級 Thermal Class		製造範圍 (mm) Range of Manufacture (mm)			
	(°C)	UL 認可 UL-Approved	0 種 Class 0	1 種 Class 1	2 種 Class 2	3 種 Class 3
UEW	B(130)	MW75C	0.04 3.00	0.03 3.00	0.02 3.00	0.02 0.90

UEY 聚胺酯尼龍漆包銅線 Polyurethane overcoated with Nylon Enamelled Copper Wire

在絕緣的聚胺酯漆膜之外，再覆蓋一層尼龍漆膜，具耐加工及耐劣化特性。

Covered with two layers of film — nylon resin over polyurethane insulation, this wire is highly resistant to deterioration caused by working.

◎特長 Features

- 1.尼龍層使得表面平滑，最適合自動機械的卷線作業
 - 2.耐磨耗性、耐熱衝擊和耐溶劑性均較UEW佳
- 1.The nylon overcoat makes the wire smooth enough to be suitable for automatic coil winding. 2.Higher resistant to heat shock and solvents than UEW.

- ◎適用標準：JCS409聚胺酯、聚胺酯漆包銅線、NEMA MW28C、IEC 60317-19
◎用途：小型馬達、小型變壓器

●Applicable standard :Standard based on JCS 409 NEMA MW28C IEC 60317-19.

●Applications :small motors, small transformers.

◎耐熱等級與製造範圍 Thermal class and range of manufacture

品名 Code	耐熱等級 Thermal Class		製造範圍 (mm) Range of Manufacture (mm)			
	(°C)	UL 認可 UL-Approved	0 種 Class 0	1 種 Class 1	2 種 Class 2	3 種 Class 3
UEY	B(130)	MW28C	0.08 1.60	0.06 1.60	0.04 1.60	0.04 0.90