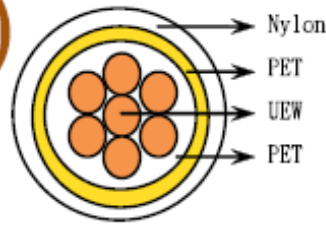


LZ-TILW- (E/B/F)

絞合型三層絕緣線

LITZ TYPE Triple Insulated Layers Wire

(120°C/130°C/155°C)



特性：

- 絞合型三層絕緣線(LZ-TILW)乃是由UEW絞合漆包線外被覆三層押出絕緣層所構成，在高頻作業下，可避免電阻急速上升。
- LZ-TILW可直接使用於變壓器而不需中間絕緣帶。由於不必使用中間絕緣帶，使用LZ-TILW的變壓器將可縮小其體積，並可節省整體材料成本。
- LZ-TILW具可直焊性，可直接焊錫，而不須先將外層絕緣剝除。
- LZ-TILW的任意兩層絕緣可通過3000V一分鐘的耐電壓試驗。
- LZ-TILW的耐電壓值高達19KV。
- LZ-TILW可符合UL-2353規範需求。
- 承製範圍:0.20mm至1.0mm(絞合後芯線徑)。

應用：

- 印表機。
- 變頻器。
- 數位像機充電器。
- 行動電話。
- 個人電腦的電流轉換器、DVD...等等。

安規：

- UL : UL2353 E225803 OBJT2

Feature:

- LZ-TILW comprises of bound strands of UEW Litz wire covered with three insulation layers, which can enhance the resistance to high-frequency operations, which can completely isolate the primary from secondary of the transformer without interlayer tape.
- LZ-TILW can be applied to transformer without interlayer tape, reduces the size and material cost of the transformer.
- LZ-TILW can be soldered without stripping the insulation film.
- Rating voltage:1,000V_{rms}.
- Wire size(Litz wire) from 0.20mm to 1.0mm.

Performance:

- Any two layer insulations can resist to a withstand voltage as large as 3000V ac for a minute.
- The breakdown strength of LZ-TILW is higher than 19KV.
- LZ-TILW meets all the requirements of UL-2353.

Applications:

- SMPS for printer、Monitor、Inverter、Battery charger of digital camera、Portable phone、AC adapter for personal computer、DVD...etc.

Recognition:

- UL : UL2353 E225803 OBJT2

Items	Specification	LZ-TILW-(E/B/F)	
Dimension	Insulation Thickness(mm)	0.100	
Breakdown Voltage(KVrms)	Twisted Pair	>19KV	
Withstand Voltage	3000Vrms for 1 min	Pass	
Working Voltage	1000Vrms		
Solderability(sec.)*	400°C	<5s	
UL 2353	Electric Strength	6000 Vrms for 1 min Twisted Pair	Pass
	Adherence and Flexibility	3000 Vrms for 1 min	Pass
	Heat Shock	3000 Vrms for 1 min	Pass (215°C/225°C/240°C for 30min.)