

UL STYLE NO. 20624, Non Deca (43μm) Film , LFCu, Supporting Tape:0.225mm

MATERIAL SPECIFICATION

PRODUCT		FLEXIBLE FLAT CABLE			
UL STYLE NO.	VOLTAGE RATING	OPERATING TEMPERATURE	UL FILE NO.	MARKING	
☐ AWM 2896	30V	80°C		AWM 2896 80°C VW-1	
☒ AWM 20624	60V	80°C		AWM 20624 80°C VW-1	
☐ AWM 20706	60V	105°C		AWM 20706 105°C VW-1	

CONDUCTOR	SIZE (Gt×Gw)	RATED CURRENT	RESISTANCE	REMARKS
	☐ 0.1X1.27	2A	0.17Ω/M	* TIN PLATED COPPER WIRE
	☐ 0.1X0.8	2A	0.27Ω/M	:99.994% PURE COPPER
	☐ 0.1X0.7	2A	0.33Ω/M	* TOLERANCE OF THICKNESS
	☐ 0.1X0.65	2A	0.35Ω/M	: ±0.005
	☐ 0.1X0.5	1A	0.42Ω/M	* TOLERANCE OF WIDTH
	☐ 0.1X0.3	1A	0.70Ω/M	: ±0.03
	☐ 0.05X0.8	1A	0.53Ω/M	* EXTENSION RATE
	☐ 0.05X0.65	1A	0.63Ω/M	: OVER THAN 15%
	☐ 0.05X0.6	1A	0.65Ω/M	* STRAIN STRENGTH
	☐ 0.035X0.8	1A	0.83Ω/M	: OVER THAN 13Kgf/mm ²
	☐ 0.035X0.7	1A	0.60Ω/M	* PLATING THICKNESS
	☐ 0.035X0.6	1A	0.96Ω/M	: 0.075 μ 以上
	☐ 0.035X0.3	0.5A	1.80Ω/M	
	☒ 0.035X0.3	0.5	1.89Ω/M	
	☐ 0.022X0.3	0.5A	3.18Ω/M	
☐ 0.1X0.5 (P)	0.5A	2.80Ω/M	* TIN PLATED PHOSPHORUS BRONZE WIRE	
LEAD FREE ☒			GOLD ☐	

INSULATION FILM	NO.	BASE FILM	ADHESIVE	TOTAL THICKNESS	REMARK	COLOR
	☐ 1	PET 25μm	35μm	60μm	REGULAR	☐ WHITE ☐ BLACK
	☒ 2	PET 19μm	24μm	43μm	SUPER FLEX	☒ WHITE
	☐ 3	PET 12μm	25μm	37μm	ULTRA FLEX	☐ WHITE
DECA FREE ☐						

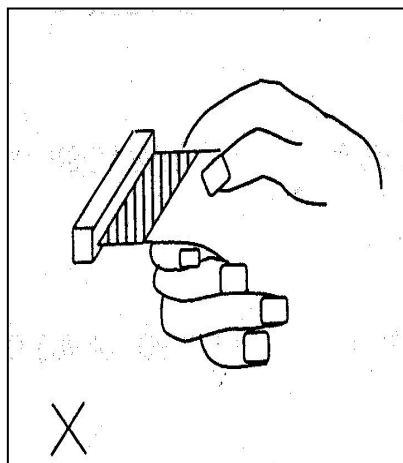
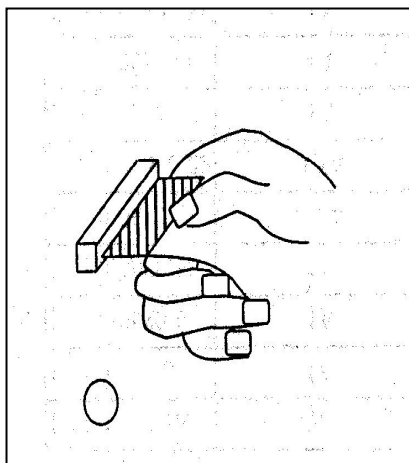
SUPPORTING TAPE	NO.	BASE FILM	ADHESIVE	TOTAL THICKNESS	COLOR
	☐ 1	PET 125μm	35μm	160μm	☐ WHITE ☐ BLUE
	☒ 2	PET 190μm	35μm	225μm	☐ WHITE ☒ BLUE
	☐ 3	PET 215μm	35μm	250μm	☐ WHITE ☐ BLUE
	☐ 4	PET 250μm	35μm	285μm	☐ WHITE ☐ BLUE

EMI SHIELD	ALUMINIUM FOIL [μm] COPPER FOIL [μm] FABRIC TAPE [μm] LAMINATION []
DOUBLE SIDE TAPE	

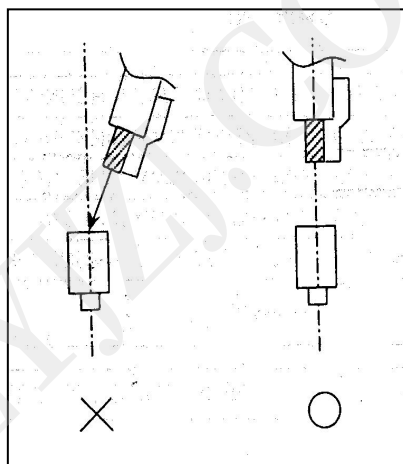
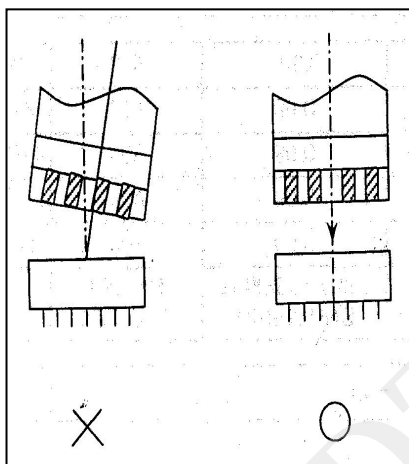
DIELECTRIC VOLTAGE WITHSTAND TEST		AC 500V/10mA 1分钟
INSULATION RESISTANCE TEST		DC 500V/100Ω/M
AGING		85°C/96 HR
FLEXIBILITY	GENERAL	10,000 Min (R5×240/Min×40mm/Reciprocating)
	FLEX	100,000 Min (R5×240/Min×40mm/Reciprocating)
	SUPER	3,000,000 Min (R5×240/Min×40mm/Reciprocating)
	ULTRA	6,000,000 Min (R5×240/Min×40mm/Reciprocating)
FLAMMABILITY		PASS UL VW-1

Matters that demand special attention :

- * When insert to connector, please insert straight correctly with Joiner's supporting-tape.



- * When insert to connector, please avoid excessive force.



- * After insert to connector, shall be not bend at supporting-tape excessive

