

UL Style No: UL2643 / 105° C, 300V

UL Marking on one side

Conductor : Tin Plated Copper Conductor

Thickness(Ct): 0.10±0.01mm Width(Cw): 0.80±0.03mm Tin plating thickness:1~3 μ

Insulation: Polyester (PET) film+adhesive

PET film thickness: 0.019mm PET adhesive thickness: 0.024mm

Supporting tape: Polyester (PET) film+ adhesive

PET film thickness: 0.123mm PET adhesive thickness: 0.032mm



Characteristics	Method	Spec				
Conductor Resistance	JIS C-3102	Less than 0.26 Ω/m				
Insulation Resistance	DC 500V after 1 min	More than 1,000 MΩ/m				
Dielectric Strength	AC 500V for 1 min	No Breakdown				
Open/Short Test	Tester DC 3.0V 0.1mA	Pass				
Heat Resistance	85°C, 96hrs	Insulation resistance and Dielectric strength pass				
Heat Cycle Test	-40°C→+25°C→+85°C→+25°C *12hrs*2cycles	Insulation resistance and Dielectric strength pass				
Moisture Resistance	40°C, 95%RH, 96hr	Insulation resistance and Dielectric strength pass				
Flame Test	UL VW-1	Pass				
Flexing Test	10mmR*10cm*10 cycles/min	More than 30,000 cycles				
Bending Test(180°) (clip the point of supporting tape)	±90°C, 60g, 0.5mmR	More than 10 cycles				
Abrasion Test	5mm Ø 600g , 60 cycles/min	More than 10,000 cycles				

SYMBOL	Pitch	PIN	TYPE	TL	Pt	W	M	T	t	S1	S2	S3	S4
RANGE	1.27	26	В	30	31.75	34.29	0.87	0.3	0.13	4	4		8
TOLERANCE	±0.10	ditto	ditto	±2.0	±0.15	±0.20	±0.20	±0.03	±0.01	±1.0	±1.0		±1.0

