



FFC CABLE Charateristics特性表 UL STYLE: 20624

Test Item 測試項目	Testing Method 測試方法	Specification 規格
1 Conductor resistance 導體阻抗	JIS-C-3102(at20°C)	2.20Ω/KM MAX.
2 Insulation resistance 絕緣阻抗	Apply the voltage of DC 500V for 1 min	More than 1000MΩ 大於1000MΩ
3 Dielectric Srtength 耐壓強度	AC 500V, 0.5mA, 1分鐘, 相鄰兩導體在空氣中	PASS
4 Continuity Test 導通測試	Apply Test DC 3V	No open/Short Citcuit
5 Rated Voltage&Temperature 額定電壓及溫度	UL Sub, 758	60V 80°C
6 Operating Temperature 操作溫度	Fixed Wiring Condition	-30°C ~80°C
7 Flammability Test 耐燃性測試	UL Sub, 758 V W-1	PASS
8 Heat Resistance 抗熱測試	85°C / 95Hrs	No Trouble with insulation Resistance and withstand voltage 絕緣電阻與耐電壓符合要求
9 Humidity Resistance 抗溼測試	40°C , 95%RH, 96Hrs	
10 Temperature Cycling Test 溫度循環測試	-40°C (4hr)--85°C (4hr)--25°C (1hr) 5 cycle	
11 Flexing Test 柔性測試	600g重物垂吊夾具, 0.5R, 180度 60cycle/min 往復運動	耐曲折測試 ≥ 100cycle
	10R, 180mm, 70cycle/min 往復運動	耐曲折測試 ≥ 100,000cycle
13 Abrasion Test 耐磨測試	Ø0.5mm, 600g, 60cycle/min	Min 100,000cycles 100,000回以上

SYMBOL	P	W	SP	M	A	TL	T	S1	S2	S3	S4
RANGE	0.5	20.5	19.5	0.5	0.0	160.0	0.3	4.0	4.0	6.0	6.0
TOLERANCE	±0.05	±0.10	±0.10	±0.10	<0.5	±2.0	±0.05	±1.0	±1.0	±2.0	±2.0
CONDUCTOR	TIN PLATED COPPER WIRE		THICKNESS(Ct)		0.05		±0.01				
SPECIFICATION	(TIN 1~3um)		WIDTH(Cw)		0.32		±0.03				

RoHS Compliant

TOLERANCES ARE

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DRAWING BY CY		X, ± .X ± .XX ± .XXX ± ANG ±
CHECKED BY GENIUS		
UNIT / mm	SCALE 1 : 1	
DATE		
SIZE A4	P PROJECTION	



ORDER INFORMATION

FPV-CA40-160-LF
 SERIES | | | LEADFREE
 | | | 160mm
 | | | 40 WAY
 | | | SAME SIDE
 | | | CABLE

DESCRIPTION: