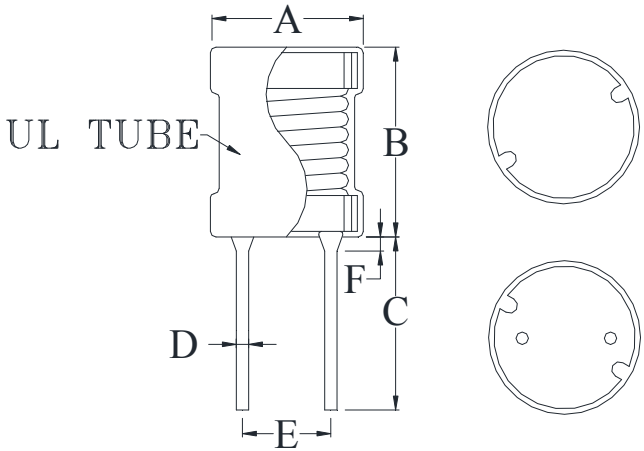


SPECIFICATION FOR APPROVAL

COMMODITY	PK CHOKE	SPEC NO.	SP-060825007
ITEM	JPK 0608-472K-R16-A Green	版本：A	表單編號：QRRD-01-02

(1) DIMENSION: (UNIT: mm)		DIM.	TOL.
	A	7.5	MAX.
	B	10.0	MAX.
	C	16.0	±3.0
	D	0.65	±0.1
	E	3.0	±0.5
	F	3.0	MAX.
	G		
	H		
	I		
	J		

(2) ELECTRICAL CHARACTERISTIC	TEST INSTRUMENTS.	
INDUCTANCE	4.7 ± 10% mH	<input checked="" type="checkbox"/> AGILENT 4294A Precision Impedance Analyzer. <input type="checkbox"/> AGILENT 4285A Precision L.C.R. Meter. <input type="checkbox"/> HP-4286A RF L.C.R. Meter.
TEST FREQUENCY	1 KHz	<input type="checkbox"/> ZENTECH 3302 Automatic Components Analyzer. <input type="checkbox"/> ZENTECH 101 L.C.R. Meter.
TEST VOLT	0.25 V	<input type="checkbox"/> WAYNE KERR 6420 Precision Impedance Analyzer. <input checked="" type="checkbox"/> ZENTECH 1320 BIAS CURRENT. <input checked="" type="checkbox"/> ZENTECH 502AC Resistance Merter.
RDC	19.41 (max) Ω	<input type="checkbox"/> ADEX AX-1155B DC Low Ohm Meter.
Isat	0.15 (max) A	
Irms	0.16 (max) A	

REMARK :

1. Inductance drop = 10% typ at Isat.
2. ΔT = 40°C rise typ at Irms.

PURCHASER CONFIRMED	APPROVED	CHECKED	DRAWN
			

SPECIFICATION FOR APPROVAL

COMMODITY	PK CHOKE	SPEC NO.	SP-060825007
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(3) Material List

NO	ITEM	MATERIAL	NOTE
1	CORE	DR2W 6*8 Or other's equivalent	
2	WIRE	UEW Or other's equivalent	130°C CLASS
3	SOLDER	100H Or other's equivalent	Silver
4	TUBE	Heat Shrinkable tube Or other's equivalent	Black

REMARK :

PURCHASER CONFIRMED :

APPROVED	CHECKED	DRAWN
		



Pb-FREE PRODUCTS 無鉛產品

No	Item [項目]	Test Method & Conditions [試驗方法、條件]	Specification After Test [試驗後規格]
A . Mechanical Characteristics 機械特性			
1	Operating Temperature 工作溫度	- 40 °C ~ + 125 °C (Including self - temperature rise) 含自身發熱溫度	
2	Storage temperature and Humidity range 儲存溫度濕度	- 10 °C ~ + 40 °C max. ; 70% RH max.	<ul style="list-style-type: none"> · at packing condition · 在包裝條件
3	Solder Heat Resistance 抗焊錫熱特性	<ul style="list-style-type: none"> · Solder : M705E · Solder Temp : 260°C ± 5°C · Dip time : 6 sec 	<ul style="list-style-type: none"> · No Damage and No Abnormal on Surface · Inductance : Within ±10% of Initial Value · More than 75% of the terminal electrode should be covered and uniformity with solder · 產品表面不能被破壞及不正常的情形 · 電感值：初始值的±10%以內 · 端子吃錫需均勻，吃錫面積75%以上
4	Solderability 焊錫性	<ul style="list-style-type: none"> · Solder : M705E · Solder Temp : 250°C ± 5°C · Dip time : 3 sec · Soldering : 2 times 	<ul style="list-style-type: none"> · More than 90% of the terminal electrode should be covered and uniformity with fresh solder. · 吃錫面積需90%以上且需均勻
5	Terminal Strength 端子強度	<ul style="list-style-type: none"> · The terminal should not peel off.(Refer to figure as below) · The fixed end, another end clamps on pin-P, gives the pulling force. <p>Pin of ϕ 0.5 pulling : 0.8 Kgf 30 ± 5 sec Pin of ϕ 0.65 pulling : 1.2 Kgf 30 ± 5 sec Pin of ϕ 0.8 pulling : 1.5 Kgf 30 ± 5 sec Pin of ϕ 1.0 pulling : 2 Kgf 30 ± 5 sec</p> <ul style="list-style-type: none"> · 端點不可剝離(如下圖) · 固定一端，另一端則夾於pin-P上，施予拉力。 <div data-bbox="507 1877 853 1975" style="text-align: center;"> </div>	<ul style="list-style-type: none"> · Terminal and body must not be damage or separate · 端子及本體不能被破壞或分離

Pb-FREE PRODUCTS 無鉛產品

No	Item [項目]	Test Method & Conditions [試驗方法、條件]	Specification After Test [試驗後規格]
A . Mechanical Characteristics 機械特性			
6	Insulating Resistance Test 絕緣試驗	<ul style="list-style-type: none"> · Over 100MΩ at 100V D.C. between coil and core. · 用印加定電壓100V 通於線圈與鐵粉心，阻抗值不可低於100MΩ 	<ul style="list-style-type: none"> · Impedance : Over 100MΩ · 阻抗值：不可低於100MΩ
7	Dielectric Withstanding Voltage Test 耐電壓試驗	<ul style="list-style-type: none"> · No dielectric breakdown at 100V D.C. for 1 minute between coil and core. · 用印加定電壓100V通1分鐘 	<ul style="list-style-type: none"> · Appearance : no damage · 外觀 : 不能有破損異常現象
B . Environmental Characteristics 環境試驗			
8	High Temp Resistance Test 高溫負荷測試	<ul style="list-style-type: none"> · Operate Temperature : 125°C ± 3°C · Applied Current : per spec. · Time : 96 Hrs · Measure after exposure in the room temperature for 4 to 24 Hrs. · 動作溫度：125°C ± 3°C · 印加電流：依產品規格最大值 · 時間 : 96 小時 · 試驗完成後取出置於室溫4 - 24小時後進行測試 	<ul style="list-style-type: none"> · Appearance : no damage · Inductance : Within ±10% of Initial Value · 外觀 : 不能有破損異常現象 · 電感值：初始值的±10%以內
9	Humidity Test 耐濕試驗	<ul style="list-style-type: none"> · Temperature : 40°C ± 2°C · Humidity : 95 ± 2% R.H. · Applied Current : per spec. · Time : 96 Hrs · Measure after exposure in the room temperature for 4 to 24 Hrs. · 溫度：40°C ± 2°C · 濕度：95 ± 2% R.H. · 印加電流：依產品規格最大值 · 時間：96 小時 · 試驗完成後取出置於室溫4 - 24小時後進行測試 	<ul style="list-style-type: none"> · Appearance : no damage · Inductance : Within ±10% of Initial Value · 外觀 : 不能有破損異常現象 · 電感值：初始值的±10%以內

