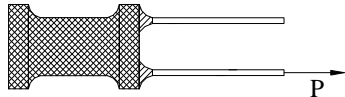


Pb-FREE PRODUCTS 無鉛產品

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 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

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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

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No	Item [項目]	Test Method & Conditions [試驗方法、條件]	Specification After Test [試驗後規格]
B . Environmental Characteristics 環境試驗			
10	Temperature Cycling Test 溫度循環試驗	<ul style="list-style-type: none"> · One Cycle : +125°C/30Min -40°C/30Min · Cycle Times : 5 Cycle · Measure after exposure in the room temperature for 4 to 24 Hrs. · 1 週期 : +125°C/30Min -40°C/30Min · 週期 : 5次 · 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