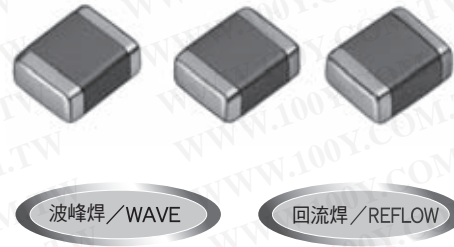


大容量積層陶瓷電容器

HIGH VALUE MULTILAYER CERAMIC CAPACITORS

	代碼 code	溫度特性 Temp.characteristics	使用溫度範圍 operating Temp. range
OPERATING TEMP. 使用溫度 operating Temp.	BJ	B	-25~+85°C
		X7R	-55~+125°C
		X5R	-55~+85°C
	F	F	-25~+85°C
		Y5V	-30~+85°C



波峰焊 / WAVE

回流焊 / REFLOW

特點 FEATURES

- 使用金屬鎳作為內外電極，端部鍍鎳，因此可焊性能和耐熱性能較好，器件固定牢靠，可靠性顯著提高。
- 低等效串聯電阻 (ESR)，吸收雜訊能力強。
- 與鉍或鋁電解電容相比，更具有以下優點：
 - 允許較大的紋波電流
 - 相同額定電壓，外型尺寸更小
 - 較高的絕緣阻抗和擊穿電壓，可靠性更高

- The use of Nickel(Ni) as material for both the internal and external electrodes improves the solderability and heat resistance characteristics. This almost completely eliminates migration and raises the level of reliability significantly.
- Low equivalent series resistance(ESR) provides excellent noise absorption characteristics.
- Compared to tantalum or aluminum electrolytic capacitors these ceramic capacitors offer a number of excellent features, including:
 - Higher permissible ripple current values
 - Smaller case sizes relative to rated voltage
 - Improved reliability due to higher insulation resistance and breakdown voltage.

用途 APPLICATIONS

- 一般數位電路
- 電源旁路電容器
- 液晶模組
- 液晶驅動電壓線路
- LSI、IC、轉換器 (輸入和輸出)
- 平滑電容器
- DC-DC轉換器 (輸入和輸出)
- 開關電源 (二次側)

- General digital circuit
- Power supply bypass capacitors
- Liquid crystal modules
- Liquid crystal drive voltage lines
- LSI, IC, converters(both for input and output)
- Smoothing capacitors
- DC-DC converters (both for input and output)
- Switching power supplies (secondary side)

胜特力材料 886-3-5753170
胜特力电子(上海) 86-21-54151736
胜特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

型號標示法 ORDERING CODE

<p>1 額定電壓 (VDC)</p> <table border="1" style="width: 100%;"> <tr><td>P</td><td>2.5</td></tr> <tr><td>A</td><td>4</td></tr> <tr><td>J</td><td>6.3</td></tr> <tr><td>L</td><td>10</td></tr> <tr><td>E</td><td>16</td></tr> <tr><td>T</td><td>25</td></tr> <tr><td>G</td><td>35</td></tr> <tr><td>U</td><td>50</td></tr> </table> <p>2 系列名稱</p> <table border="1" style="width: 100%;"> <tr><td>M</td><td>積層電容器</td></tr> </table>	P	2.5	A	4	J	6.3	L	10	E	16	T	25	G	35	U	50	M	積層電容器	<p>3 端子電極</p> <table border="1" style="width: 100%;"> <tr><td>K</td><td>電鍍</td></tr> </table> <p>4 外型尺寸 長×寬(EIA)L×W(mm)</p> <table border="1" style="width: 100%;"> <tr><td>107 (0603)</td><td>1.6×0.8</td></tr> <tr><td>212 (0805)</td><td>2.0×1.25</td></tr> <tr><td>316 (1206)</td><td>3.2×1.6</td></tr> <tr><td>325 (1210)</td><td>3.2×2.5</td></tr> </table>	K	電鍍	107 (0603)	1.6×0.8	212 (0805)	2.0×1.25	316 (1206)	3.2×1.6	325 (1210)	3.2×2.5	<p>5 溫度特性代碼 [%]</p> <table border="1" style="width: 100%;"> <tr><td>△F</td><td>+30 -80</td></tr> <tr><td>B J</td><td>±10</td></tr> </table> <p>△=空格</p> <p>6 標稱靜電容量 [pF]</p> <table border="1" style="width: 100%;"> <tr><td>例</td><td></td></tr> <tr><td>473</td><td>47,000</td></tr> <tr><td>105</td><td>1,000,000</td></tr> </table>	△F	+30 -80	B J	±10	例		473	47,000	105	1,000,000	<p>7 電容量公差</p> <table border="1" style="width: 100%;"> <tr><td>K</td><td>±10 %</td></tr> <tr><td>M</td><td>±20 %</td></tr> <tr><td>Z</td><td>+80 -20 %</td></tr> </table> <p>8 產品厚度 (mm)</p> <table border="1" style="width: 100%;"> <tr><td>K</td><td>0.45</td></tr> <tr><td>A</td><td>0.8</td></tr> <tr><td>D</td><td>0.85</td></tr> <tr><td>F</td><td>1.15</td></tr> <tr><td>G</td><td>1.25</td></tr> <tr><td>H</td><td>1.5</td></tr> <tr><td>L</td><td>1.6</td></tr> <tr><td>N</td><td>1.9</td></tr> <tr><td>Y</td><td>2.0max</td></tr> <tr><td>M</td><td>2.5</td></tr> </table>	K	±10 %	M	±20 %	Z	+80 -20 %	K	0.45	A	0.8	D	0.85	F	1.15	G	1.25	H	1.5	L	1.6	N	1.9	Y	2.0max	M	2.5	<p>9 個別規格</p> <table border="1" style="width: 100%;"> <tr><td>-</td><td>標準</td></tr> </table> <p>10 包裝</p> <table border="1" style="width: 100%;"> <tr><td>T</td><td>卷盤帶裝</td></tr> </table> <p>11 本公司管理記號</p> <table border="1" style="width: 100%;"> <tr><td>△</td><td>標準品</td></tr> <tr><td>△</td><td>△=空格</td></tr> </table>	-	標準	T	卷盤帶裝	△	標準品	△	△=空格
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