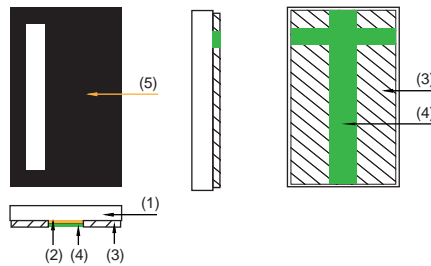
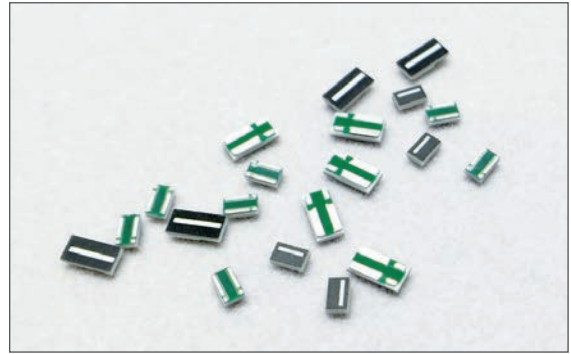


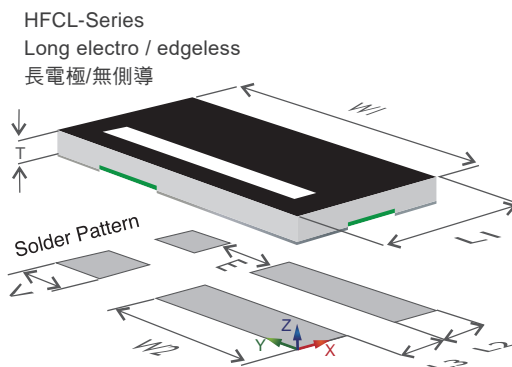
**Product Material / 產品材料**

No. 號碼	Material / 材質	Description / 說明
①	Substrate / 基板	Alumina ceramic (alumina 96%) / 氧化鋁陶瓷基板 (氧化鋁含量達 96%)
②	Resistive element / 電阻本體	Alloy / 合金
③	Terminal electrode / 端電極	Sn · Ni · Cu / 錫、鎳、銅
④	Protective coating / 保護防焊層	Flame-retardant epoxy, meets UL- 94-V0 requirements(green) / 防火級環氧樹脂, 符合UL- 94-V0 要求(綠色)
⑤	Marking coating / 文印防焊層	Flame-retardant epoxy, meets UL- 94-V0 requirements (black) / 防火級環氧樹脂, 符合UL- 94-V0 要求(黑色)



**Standard Specification / 規格標準**

Product Series	Model 型號	Pr (Watt)	Ro (mΩ)	Rt (%)	TCR (ppm)
		Power rating at 70°C or below 在環境溫度70°C 以下時的額定功率	Device normal resistance 元件在室溫下的電阻	Normal resistance tolerance 元件在室溫下的電阻誤差範圍	Temperature coefficient of resistance 電阻溫度係數
HFCL-Series	0603-□-0W33-R-□□□-□	0.33	1~25	±0.5,±1	±50~±200
	1206-□-1W0-R-□□□-□	1.0	0.5~25	±0.5,±1	±50~±200
HFCL-Auto Series	1206-□-1W0-R-□□□-Auto	1.0	0.5~0.75	±3	±150
			1~2	±2	±100
			2.5~4	±1	±100
			5~25	±0.5,±1	±50



**Device and Pad - Layout Dimensions / 元件產品與焊墊建議尺寸**

Unit(單位): mm	Size / 尺寸	L1	W1	T	L2	W2	L3/min	V	E
HFCL-Series	0603	0.8±0.15	1.6±0.2	0.55±0.1	0.18	0.93	0.5	0.23	0.4
	1206	1.6±0.2	3.2±0.2	0.6±0.2	1.3	2.29	0.6	0.7	0.4
HFCL-Auto Series	1206	1.55±0.20	3.20±0.20	0.50±0.20	1.014	2.29	0.762	0.762	0.381