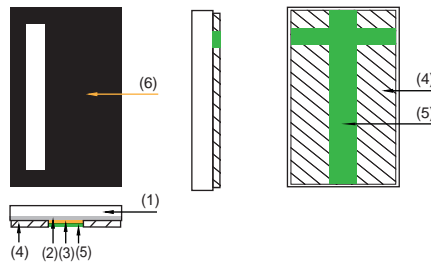
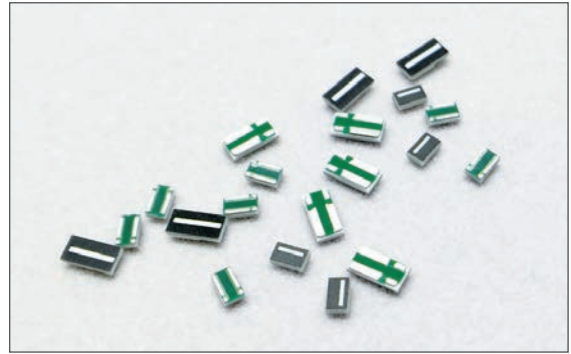


Current Sensing Resistors

HFPL Series / Metal Foil Type

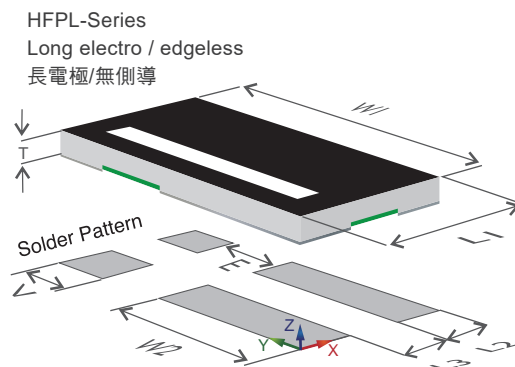
Product Material / 產品材料

No. 號碼	Material / 材質	Description / 說明
①	Substrate / 基板	Epoxy / 環氧樹脂
②	Adhesive / 粘著膠層	Epoxy / 環氧樹脂
③	Resistive element / 電阻本體	Alloy / 合金
④	Terminal electrode / 端電極	Sn、Ni、Cu / 錫、鎳、銅
⑤	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)
⑥	Marking coating / 文印防焊層	Flame-retardant epoxy, meets UL-94-V0 requirements (white) / 防火級環氧樹脂, 符合UL-94-V0 要求(白色)



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
HFPL-Series	0603-□-0W33-R-□□□-□	0.33	2.5~5	±1%, ±2%	±100
	0805-□-0W5-R-□□□-□	0.5	1~2	±1%, ±2%, ±3%, ±5%	±100
	1206-□-1W0-R-□□□-□	1.0	0.5	±0.5%, ±1%	±100
			1~5	±0.5%, ±1%	±75



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
HFPL-Series	0603	0.80±0.15	1.60±0.20	0.33±0.10	0.400	1.300	0.350	0.400	0.200
	0805	1.25±0.20	2.00±0.20	0.40±0.20	0.700	1.600	0.500	0.450	0.250
	1206	1.60±0.20	3.20±0.20	Max 0.50 Max 0.35	1.014	2.290	0.762	0.762	0.381