

CRTC..A與ARG/AR/AR..A產品規格比較



	CRTC..A	ARG	AR	AR..A
型別	0402-1206	0402-1206	0201-2512	0402-2512
功率 (@70°C)	1/16W- 1/3W	1/16W-1/4W	1/32W-1W	1/16W-1/2W
精度	±0.1%-±1%	±0.1%-±1%	±0.05%-±1%	±0.05%-±1%
溫度係數 (ppm/°C)	25/50	25/50	25/50	25/50
阻值範圍(Ω)	10- 10M	1-2.49M	1-3M	10-1.5M
車規	Yes	No	No	Yes

功率比較

型別	0402		0603		0805		1206	
CRTC..A(Standard) P ₇₀	1/16W		1/10W		1/8W		1/4W	
CRTC..A(High Power) P ₈₅	1/8W		1/5W		1/4W		1/3W	
ARG P ₇₀	1/16W		1/10W		1/8W		1/4W	
AR P ₇₀ (St.&HP)	1/16W	1/10W	1/16W	1/6W	1/10W	1/4W	1/8W	1/3W
AR..A P ₇₀ (St.&HP)	1/16W	1/10W	1/16W	1/8W	1/10W	1/5W	1/8W	2/5W

CRTC..A與ARG/AR/AR..A產品可靠度比較



	CRTC..A		ARG	AR	AR..A
	Standard	High Power			
STOL	±1.0%	±0.2%	±0.2%	±0.1%	±0.05%/±0.1%
Endurance	±1.0%	±0.2%/±0.4%	±0.5%	±0.1%/±0.5%	±0.2%
Biased Humidity (85°C/85%RH)	±1.0%	±0.2%/±0.5%	±0.5%*	±0.1%	±0.1%
Bending Strength	±1.0%	±1.0%	±0.1%	±0.1%	±0.1%
Resistance to Soldering Heat	±0.2%	±0.2%	±0.1%	±0.1%	±0.05%
High Temperature Exposure	±0.2%/±0.5%	±0.2%/±0.5%	±0.5%	±0.2%/±0.5%	±0.2%
Temperature Cycling	±0.2%/±0.5%	±0.2%/±0.5%	-	±0.2%	±0.1%

*測試條件是40°C,90~95%RH.

CRTC..A與ARG、AR、AR..A主要的差別是電阻材料與製程不同。

CRTC..A是低溫飄厚膜電阻，耐功率較佳，可用於工控。

ARG 是一般薄膜電阻應用，耐功率較差，長期穩定性較厚膜電阻好。

AR..A可靠度較佳，主要應用於高端產品，如儀表、工控、軍工...等。