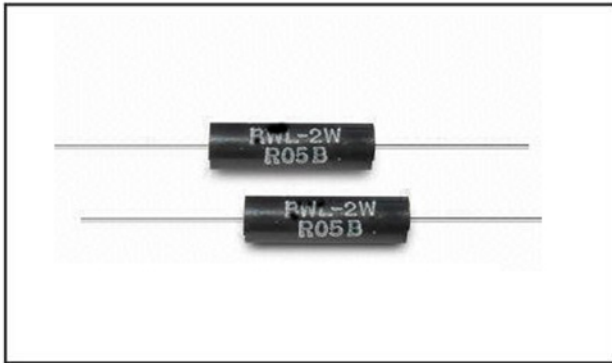
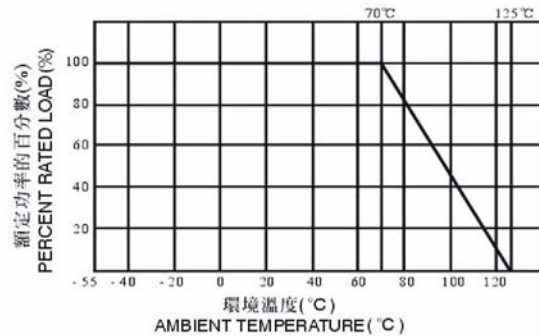


精密繞線電阻器RX70系列 High Precision Wirewound Resistors RX70 Series

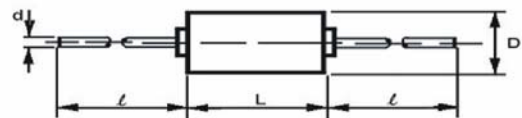


標志: 文字/數字
Marking: Alpha/Numeric

降功耗曲線: POWER DERATING CURVE



外形尺寸 DIMENSIONS



技術說明 TECHNICAL SPECIFICATIONS

型號, 名稱 Type, Name	功率 Power (W)	阻值範圍 Res -Range (Ω)	允許偏差 Tolerances %	電阻溫度 係數 T.C.R (10 ⁻⁶ /°C)	尺寸 size(mm)				元件極限電壓(直 流或交流有效值) Limiting Voltage (Dc. or RMS.)	絕緣電壓(直 流或交流峰值) Insulating Voltage (Dc. or ACP)
					D max	L max	d	L ± 5		
RX70 型精密繞線電阻器 (原 RX11) Resistor RX70 (old RX11) Q/ATK 07-91	0.25	1-500K	0.01(L)	±2 ±10 ±20 ±25 ±50	8	15.5	0.8	30	250	350
	0.5	1-1M	0.025(P)		12	21				
	0.75	1-2M	0.05(W)		12	27			500	700
	1	1-4M	0.1(B)		15	27.5				
	2	1-5M	0.255(C)		18	38			1000	1400
	3	1-10M	0.5(D) 1(F)		24	56				

特性 CHARACTERISTICS

試驗項目 TEST ITEM	性能要求 SPECIFICATIONS	試驗方法 TEST METHOD
引出強端度 Terminal strength	無斷裂, 損傷 Intact	(0.125.25)W 10N : 0.5 : 20N 10S
折彎 Bending	無斷裂, 損傷 Intact	90° 3次
捍接 Soldering	R ≥ 10Ω: R ≤ 0.02%R R < 10Ω: R ≤ ± 0.01Ω	電烙鐵法 (75W) t ≤ 5s
絕緣電阻 (Insulation resistance)	≥ 5000MΩ (0.125 - 0.25W) ≥ 10000MΩ (0.5W)	(0.125.25)W 250V : 0.5W : 500V
絕緣電壓 (Insulation voltage)	無擊穿或飛弧 No break down	(0.125.25)W 250V : 0.5W : 1000V
低氣壓 Low atmospheric pressure	無擊穿或飛弧 No break down	0.67Kpa(0.125.0.25)W:120V 0.5W:250Vdc
溫度循環 Thermal cycle	R ≥ 10Ω: ΔR ≤ 0.02%R R < 10Ω: R ≤ ± 0.01Ω	-55°C/125°C 3次
溫度係數 TCR	R ≥ 100Ω: 20X10 ⁻⁶ °C 40X10 ⁻⁶ °C R < 10Ω: 100X10 ⁻⁶ °C	-55°C/20°C 20°C/125°C
恆定濕熱 Constant dampheat	R < 10W ΔR ≤ 0.01W R ≥ 10Ω ≤ ± 0.02% ΔR ≤ 0.02%R ≤ ± 0.05%R Δ ≤ ± 0.05%R	40 ± 3°C 95-98% 48h
振動 Vibration	R ≥ 10Ω: R ≤ ± 0.02%R R < 10Ω: ΔR ≤ ± 0.01Ω	50Hz 100m/s ² 2h
離心 Centrifugal	R ≥ 10Ω: R ≤ ± 0.02%R R < 10Ω: ΔR ≤ ± 0.01Ω	500 m/s ² 15min
沖擊 Shock	R ≥ 10Ω: R ≤ ± 0.02%R R < 10Ω: ΔR ≤ ± 0.01Ω	80-100次/分 400 m/s ² 15min
變頻振動 Variable frequency vibration	R ≥ 10Ω: R ≤ ± 0.02%R R < 10Ω: ΔR ≤ ± 0.01Ω	10-600 Hz 100 m/s ²
長期連續負荷 Long-term continuous load	R ≥ 10Ω: Δ ≤ ± 0.02%R 10Ω ≤ R < 100Ω: ΔR ≤ ± 0.2%R R ≥ 100Ω. ΔR ≤ ± 0.1%R	80°C VR 240h