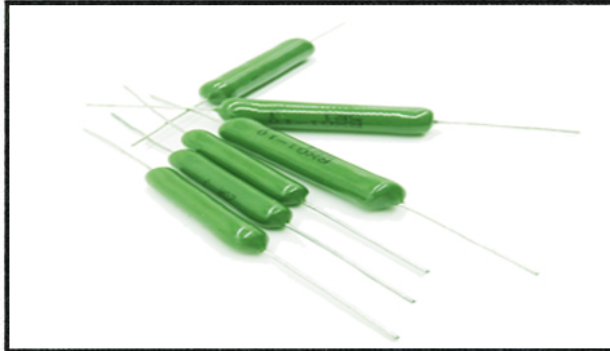


被釉綫繞電阻器SGR系列

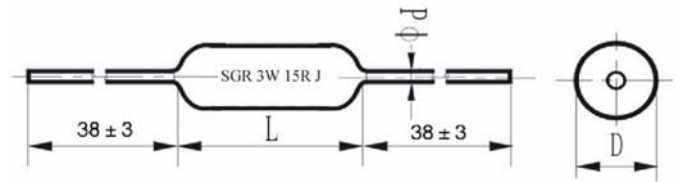
Surface Glazed Coating Wirewound Resistors SGR Series



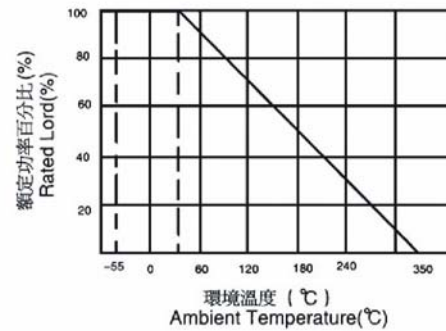
Rugged vitreous enamel coating withstands high humidity and temperature cycling.

外表塗裝玻璃釉, 可耐高濕度以及高溫度之環境循環。

外形尺寸 DIMENSIONS



降功耗曲線 Power Derating Curve



規格 SPECIFICATIONS

額定功率 RATED POWER (W)	阻值範圍 RESISTANCE RANGE (Ω)	誤差值 TOLERANCE	溫度系數 TEMPERATURE COEFFICIENT (10 ⁻⁶)	極限電壓 LIMIT VOLTS. (V)	尺寸 DIMENSIONS		
					L max.	D max	d
2	1Ω-1K	±5%(J)	±250	75	10.3	5.6	0.8
3	1Ω-1K			100	12.7	5.6	
4	1Ω-1K			120	14.0	7.0	
5	1Ω-3.6K			160	23.0	7.0	
6	1Ω-6.8K			200	25.2	8.0	
8	1Ω-20K	±10%(K)	±400	400	33.9	8.0	1.0
9	1Ω-27K			500	38.1	10	
12	1Ω-39K			750	53.5	10	

特性 CHARACTERISTICS

試驗項目 TEST ITEM	性能要求 SPECIFICATIONS	試驗方法 TEST METHOD
可焊性 Solder ability	> 95%	235°C±5°C, 2 seconds solder bath method 槽焊法
引線強度 Terminal strength	$\Delta R \leq \pm (1\% R + 0.05\Omega)$	5 lb, pull
過負載 Overload	$\Delta R \leq \pm (1\% R + 0.05\Omega)$	Load 10Xrated power 5 seconds, 10 倍額定功率
急速溫度變化 Fast temperature change	$\Delta R \leq \pm (1\% R + 0.05\Omega)$	5 cycles for the temp. $\theta_A = -55^\circ\text{C}$ $\theta_B = +200^\circ\text{C}$, 5 次循環
碰撞 Bump	$\Delta R \leq \pm (1\% R + 0.05\Omega)$	Speed = 390m/S ² , 4000 times
沖擊 Shock	$\Delta R \leq \pm (1\% R + 0.05\Omega)$	Speed = 490m/S ² , 18 times
振動 Vibrations	$\Delta R \leq \pm (2\% R + 0.1\Omega)$	Frequency 頻率=10-500Hz, Speed速度=98 m/S ² , 6hr.
溫升 Temperature rise	< 245°C	Load rated power, 施加額定功率負荷
恆定濕熱 Constant damp heat	$\Delta R \leq \pm (5\% R + 0.1\Omega)$	Temperature溫度=+40±2°C, Moisture濕度=93 ⁺² -.3%, 56hr.
常溫耐久 Endurance at room temperature	$\Delta R \leq \pm (5\% R + 0.1\Omega)$	Load rated power on room temp., 1000hr 室溫施加額定功率