

磁器封入巻線固定抵抗器  
Porcelain Encapsulated Wire-Wound Resistor

**SL** series

- 精密・高周波・特性対応品
- RoHS対応品
- Precision Non-Inductive type
- RoHS Complied



■電気的、機械的特性 Electrical and mechanical characteristics

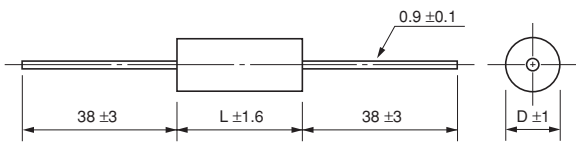
特性 Characteristics	規格値 Standards	試験方法 Test methods
抵抗値許容差 Resistance tolerance	±0.5% (D) ±1% (F) ±2% (G) ±5% (J) ±10% (k)	
抵抗温度特性 Temperature coefficient	±150ppm/°C max.	
定格負荷 Power rating load	R/R ≤ ± (0.5%+0.05 Ω)	定格電力 30分間印加 Power ratings 30 minutes
短時間過負荷 Short-time overload	R/R ≤ ± (2%+0.05 Ω)	10倍 5秒間負荷 1000% rated power 5 seconds
絶縁抵抗 Insulation resistance	100MΩ min.	DC500V
耐電圧 Dielectric withstanding voltage	機械的損傷及び絶縁破壊なきこと no evidence of mechanical damage or insulation breakdown	AC1000V 1 minute

■耐候的特性 Environmental characteristics

特性 Characteristics	規格値 Standards	試験方法 Test methods
耐熱性 Heat resistance	損傷なきこと no evidence of damage	275°C 2 hours
熱衝撃 Thermal shock	R/R ≤ ± (2%+0.05 Ω)	定格負荷30分間 → -30°C 15分間 power rating load 30 minutes → -30°C 15 minutes
耐湿性 Humidity	R/R ≤ ± (3%+0.05 Ω)	40°C 95%RH 240 hours
耐久性 (耐湿負荷) Durability (Moisture resistance)	R/R ≤ ± (3%+0.05 Ω)	40°C 95%RH 500 hours 10%負荷 10% rated power load 90 minutes ON 30 minutes OFF
耐久性 (定格負荷) Durability (Nominal load)	R/R ≤ ± (5%+0.05 Ω)	100%負荷 100% rated power load 90 minutes ON 30 minutes OFF 500 hours

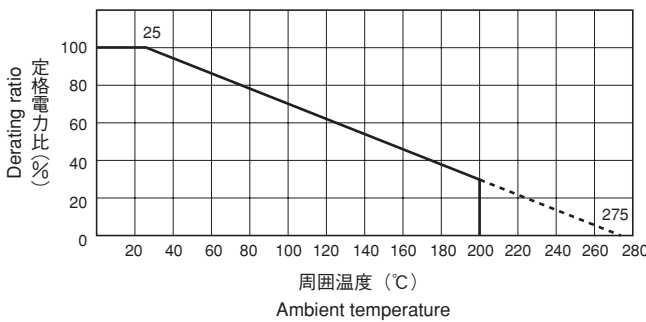
規格 Standards

●形状・寸法 Configuration (mm)

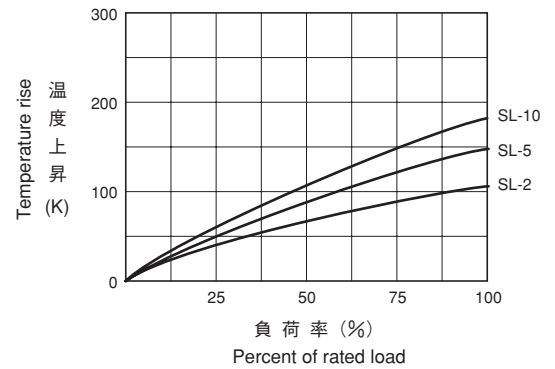


形状 Type	定格電力 (W) Power Rating	寸法 Dimensions (mm)		抵抗値範囲 (Ω) Resistance Range	
		D±1	L±1.6		
SL	2	6	13	0.1~ 3k	
	3	7	18	0.1~ 5k	
	5	9	26	0.1~ 10k	
	6	12	35	0.1~ 25k	
	8	10	48	0.1~ 30k	
SLH	2	6	13	0.1~ 1k	
	3	7	18	0.1~ 1.25k	
	無誘導 Non	5	9	26	0.1~ 3k
	6	12	35	0.1~ 6.25k	
	誘導 Inductive	8	10	48	0.1~ 7k
	10	12	51	0.1~ 13k	

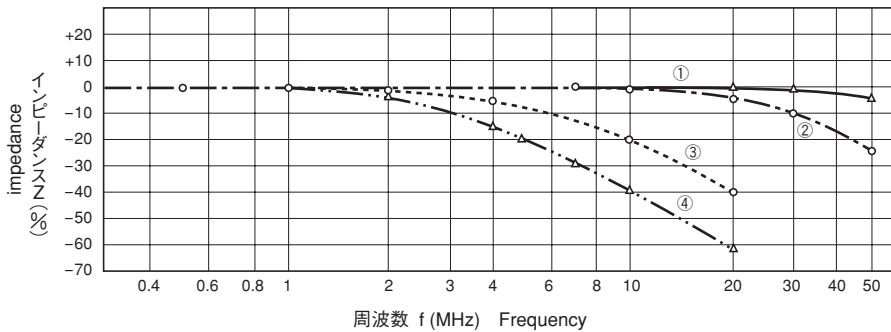
●定格電力軽減曲線 Power Derating Curve



●表面温度上昇 Temperature Rise



●高周波特性 High Frequency Characteristic



- 試料
- 1 SLH 2 500 Ω
  - 2 SLH 5 1500 Ω
  - 3 SLH 8 7k Ω
  - 4 SLH10 10k Ω

●受注生産品 Products by order

●品番コード Explanation of Part Number

SLH 5W 102 F / RO

