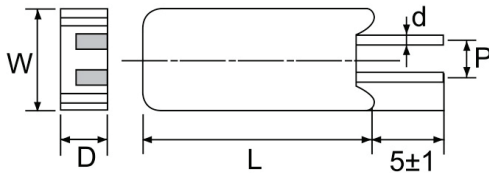




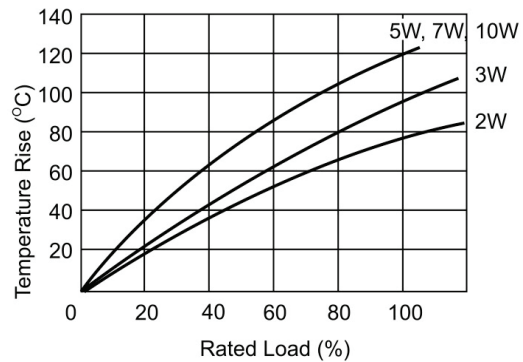
Features:

- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small study and mechanically safe
- Non-inductive types available for all Cermet Resistors
- Too low or too high ohmic values on Wire-wound & Power Film types can be supplied on a case to case basis

Radial Type:



Heat Rise Chart (PRM)



Part No.	Power Rating at 70°C	Dimensions (mm)					Resistance Range	
		W ± 1	D ± 1	L ± 1	d ± 0.05	P ± 1	Wire-wound	Power Film
SQM-5W-J-XXX	5W	13	9	25	0.75	5	0.1Ω~47Ω	48Ω~100KΩ

Notes: Max Working Voltage: 500V
Max Overload Voltage: 1000V

Performance Specifications:

Temperature Coefficient:	<20Ω: ±400PPM/°C; ≥20Ω: ±350PPM/°C
Short Time Overload:	±(5.0% + 0.05Ω) Max, with no evidence of mechanical damage
Dielectric Withstanding Voltage:	No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal Strength:	No evidence of mechanical damage
Resistance to Soldering Heat:	±(1.0% + 0.05Ω) Max, with no evidence of mechanical damage
Solderability:	Min. 95% coverage
Temperature Cycling:	±(2.0% + 0.05Ω) Max, with no evidence of mechanical damage
Humidity (Steady State):	±(5.0% + 0.05Ω) Max, with no evidence of mechanical damage
Load Life in Humidity:	Wire-wound ±(5.0% + 0.05Ω) Max Power Film ≥100KΩ: ±(5.0% + 0.05Ω) Max ≥100KΩ: ±(10.0% + 0.05Ω) Max
Load Life:	Wire-wound ±(5.0% + 0.05Ω) Max Power Film ≥100KΩ: ±(5.0% + 0.05Ω) Max ≥100KΩ: ±(10.0% + 0.05Ω) Max