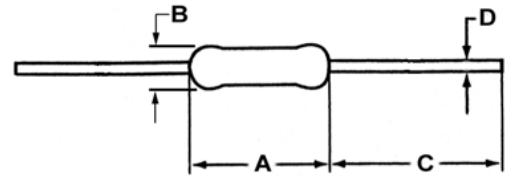


- Features:
- Miniature metal film for tight size constraints
 - Superior electrical, TCR performances
 - Flame-retardant coatings are standard
 - 1/2-watt in standard 1/8-watt package, 1-watt part in 1/4-watt package, 2-watt part in 1/2-watt package
 - RoHS compliant / lead-free



Electrical Specifications						
Type / Code	Power Rating (Watts) @ 70°C	Maximum Working Voltage ^①	Maximum Pulse Voltage	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance	
					0.5%	1.0%
RNS 1/2	0.5W	200V	400V	±50 ppm/°C ±100 ppm/°C	10 - 1M	10 - 1M
RNS 1	1.0W	350V	600V	±25 ppm/°C ±50 ppm/°C ±100 ppm/°C	100 - 511K	10 - 1M
RNS 2	2.0W	350V	700V	±25 ppm/°C ±50 ppm/°C ±100 ppm/°C	100 - 511K	10 - 1M

① Lesser of \sqrt{PR} or maximum working voltage

Mechanical Specifications					
Type / Code	A Body Length	B Body Diameter	C Lead Length (Bulk)	D Lead Diameter	Units
RNS 1/2	0.13 ± 0.01	0.07 ± 0.01	1.10 ± 0.08	0.017 ± 0.002	inches
	3.40 ± 0.40	1.80 ± 0.30	28.0 ± 2.0	0.43 ± 0.05	mm
RNS 1	0.26 ± 0.02	0.09 ± 0.006	1.10 ± 0.08	0.022 ± 0.002	inches
	6.50 ± 0.50	2.30 ± 0.20	28.0 ± 2.0	0.56 ± 0.05	mm
RNS 2	0.35 ± 0.02	0.14 ± 0.02	1.10 ± 0.08	0.31 ± 0.004	inches
	9.00 ± 0.50	3.50 ± 0.50	28.0 ± 2.0	0.80 ± 0.10	mm

Operating Temperature Range: -55°C to +155°C

Performance Characteristics		
Test	Standard / Method	Requirement
Biased Humidity	MIL-STD 202, Method 103	± 1.5%
Resistance to Solder Heat	MIL-STD 202, Method 210	± 0.5%
Insulation Resistance	JIS C 5202 5.6	± 0.5%
Load Life	MIL-STD 202, Method 208	± 1.0%
Terminal Strength	MIL-STD 202, Method 211	± 0.2%
Temperature Cycling	JESD22 Method JA-104	± 1.0%
Moisture Resistance	MIL-STD 202, Method 106	± 0.5%

How to Order

SEI Type		Code		TCR		Nominal Resistance		Tolerance		Packaging				
RNS		1		T1		4.75K		1%		R				
Type	Description	Code	Wattage	TCR		Tolerance		Values		Types		Qty	Description	Code
RNS	Ultra Mini	1/2	0.5W	T1	100ppm	0.5%	E96	E96, E24		RNS 1/2, RNS 1		5,000	Reel	R
		1	1W	T2	50ppm	1%				RNS 2		2,500		
		2	2W	T9	25ppm					RNS 1, RNS 2		5,000	Ammo	T
										RNS 1, RNS 2		1,000	Bulk	A