



# PR8351/8956-SERIES

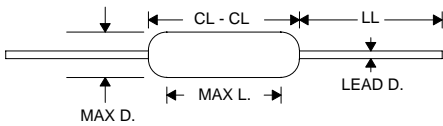
## HIGH FREQUENCY APPLICATION RESISTOR

PRECISION RESISTIVE PRODUCTS, INC.  
202 MACK LANE, MEDIAPOLIS, IA 52637  
(319)394-9131 FAX (319)394-9280  
E-Mail [info@prpinc.com](mailto:info@prpinc.com)  
PRP HOME PAGE <http://www.prpinc.com>

- Economical Non-Inductive Performance
- Alpha Numeric Marking
- Tape & Reel Packaging
- Low Noise

### Dimensions inches

Max. L.	Max. D.	CL to CL	Lead Dia.	Lead Length
.280	.102	.300	AWG #22	1.5 ±.125



### Specifications

Resistance	Wattage Rating		Useful Frequency Range
	@70°C	@125°C	
2.5R to 3.5K	1/4W	1/8W	DC to 5Ghz

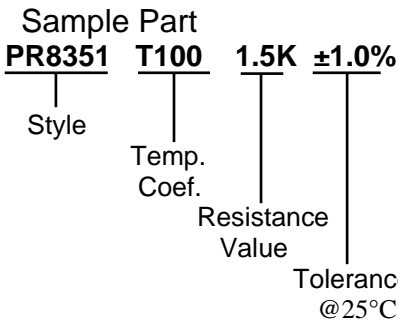
### Operating Temperature Range -55°C to 155°C

Ref: EIA RS-186 (where applicable)

Typical Performance *	%ΔR	Typical Performance *	%ΔR
1000 Hr. Load Life at 70°C	±0.15	Low Temperature Operation	±0.03
Humidity	±0.20	Dielectric Withstanding Volts	±0.02
Thermal Shock	±0.05	Noise Index	<-30dB
Short Time Overload	±0.05	Resistance to Soldering Heat	±0.04
Terminal Strength, 5 lb. Load	±0.05		

TC - Temperature Span -20°C to +85°C

### How to Order



Add "T" at the end of the Style portion of the part number for lead free termination.

[Standard Decade Values](#)

[Packaging](#)

### Temperature Coefficients

TC100 = 0±100 PPM/°C -20 TO +85°C  
 TC50 = 0±50 PPM/°C -20 TO +85°C  
 TC25 = 0±25 PPM/°C -20 TO +85°C

### Lead Material

OFHC with 60/40 Tin/Lead Coating or OFHC Tin Coating

Note: The PR8351/8956- Series of resistors is conformally coated and fully protected against moisture by a multi-paint coat system and a hard epoxy outer coating. Standard marking is alpha-numeric and meets the most demanding marking requirements. Custom marking is available upon request. Packaging is lead tape and reel or ammo-pack per EIA Standard RS-296. Bulk packaging is also available

