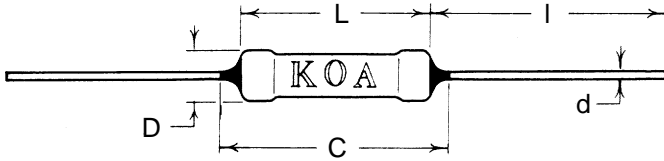


LEADED GENERAL PURPOSE

- MIL-R-10509 approved and listed on the QPL
- All units are alpha-numeric marked per military requirements
- Suitable for automatic machine insertion
- Blue body color



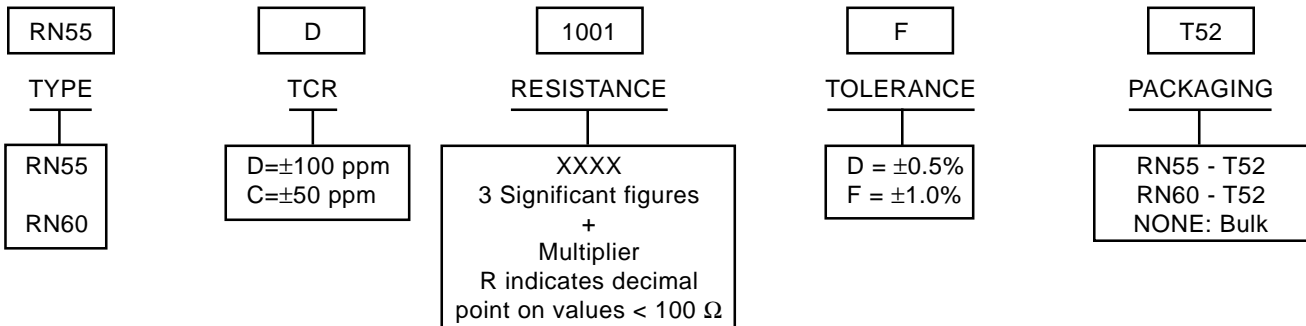
DIMENSIONS (in/mm)

TYPE	L (Ref)	C (max)	D	d	l
RN55	$\frac{0.250}{6.35}$	$\frac{0.300}{7.62}$	$\frac{0.095 \pm 0.005}{2.41 \pm 0.13}$	$\frac{0.024 \pm 0.002}{0.64 \pm 0.05}$	$\frac{1.500 \pm 0.125}{38.1 \pm 3.2}$
RN60	$\frac{0.354}{9.53}$	$\frac{0.440}{11.18}$	$\frac{0.130 \pm 0.020}{3.3 \pm 0.51}$		

RATINGS

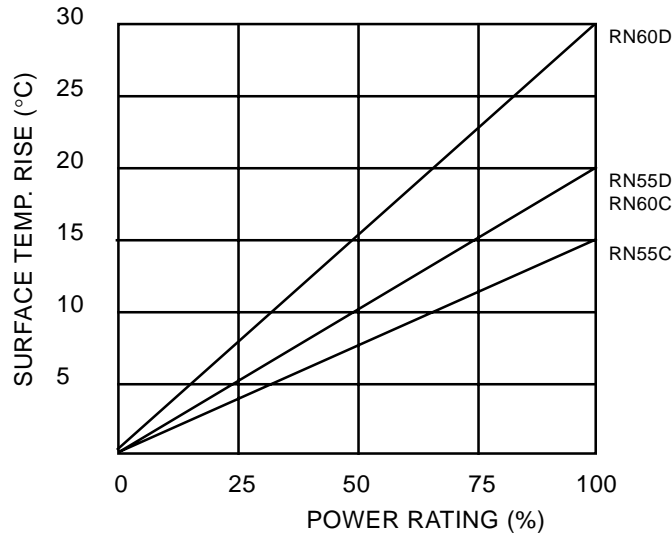
TYPE	TCR (ppm/°C)	POWER RATING @ 70°C	MAX WORKING VOLTAGE	DVW	OPERATING TEMP. RANGE	RESISTANCE RANGE (E-96)	
						± 0.5% (D)	± 1.0% (F)
RN55D	±100	125mW	200V	400V	-55 - +165°C	—	10Ω - 301KΩ
RN55C	±50	100mW			-55 - +175°C	49.9Ω - 100KΩ	49.9Ω - 100KΩ
RN60D	±100	250mW	300 V	600V	-55 - +165°C	—	10Ω - 1.0MΩ
RN60C	±50	125mW	250V		-55 - +175°C	49.9Ω - 499KΩ	49.9Ω - 499KΩ

ORDERING AND SPECIFYING INFORMATION



LEADED COMPONENTS

PERFORMANCE CHARACTERISTICS



PARAMETER	CHARACTERISTIC LIMITS	
	D	C
Short-Time Overload	$\pm(0.25\% + 0.05\Omega)$	$\pm(0.15\% + 0.05\Omega)$
Resistance to Solder Heat	$\pm(0.2\% + 0.05\Omega)$	$\pm(0.10\% + 0.05\Omega)$
Moisture Resistance	$\pm(1.0\% + 0.05\Omega)$	$\pm(0.5\% + 0.05\Omega)$
Load Life	$\pm(1.0\% + 0.05\Omega)$	$\pm(0.5\% + 0.05\Omega)$
Failure Rate	$< 10^{-5}/1000$ hrs	$< 10^{-5}/1000$ hrs
Temperature Cycling	$\pm(0.25\% + 0.05\Omega)$	$\pm(0.15\% + 0.05\Omega)$
Vibration	$\pm(0.10\% + 0.05\Omega)$	$\pm(0.10\% + 0.05\Omega)$
Shock	$\pm(0.10\% + 0.05\Omega)$	$\pm(0.10\% + 0.05\Omega)$
Terminal Strength	5# min	5# min
Current Noise	$< 0.1\mu\text{v}/\text{v}/\text{decade}$	$< 0.1\mu\text{v}/\text{v}/\text{decade}$
Voltage Coefficient	< 5 ppm	< 5 ppm
Low Temperature Operation	$\pm(0.25\% + 0.05\Omega)$	$\pm(0.15\% + 0.05\Omega)$

LEADED COMPONENTS