

LEADED GENERAL PURPOSE

- Semi - precision metal film resistors
- Meets requirements of MIL-R-22684
- Suitable for automatic machine insertion
- Blue - Gray body color

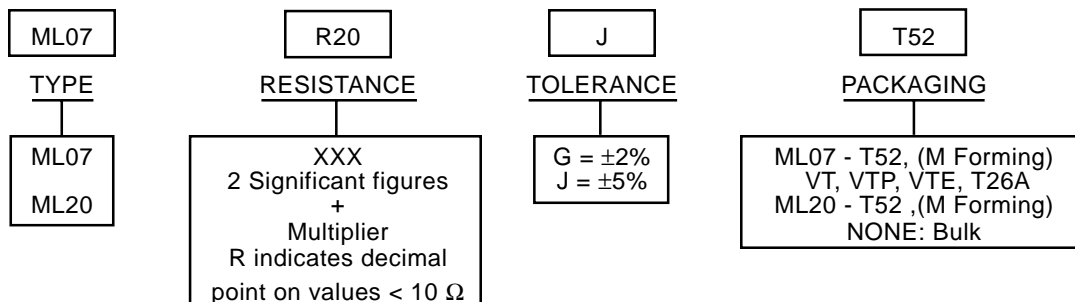
DIMENSIONS (in/mm)

TYPE	L (ref)	C (max)	D	d	l
ML07	$\frac{0.248}{6.3}$	$\frac{0.280}{7.1}$	$\frac{0.091 \pm 0.012}{2.3 \pm 0.3}$	$\frac{0.024 \pm 0.002}{0.60 \pm 0.05}$	$\frac{1.18 \pm 0.12}{30.0 \pm 3.0}$
ML20	$\frac{0.374}{9.5}$	$\frac{0.437}{11.1}$	$\frac{0.138 \pm 0.016}{3.5 \pm 0.4}$	$\frac{0.031 \pm 0.002}{0.80 \pm 0.05}$	

RATINGS

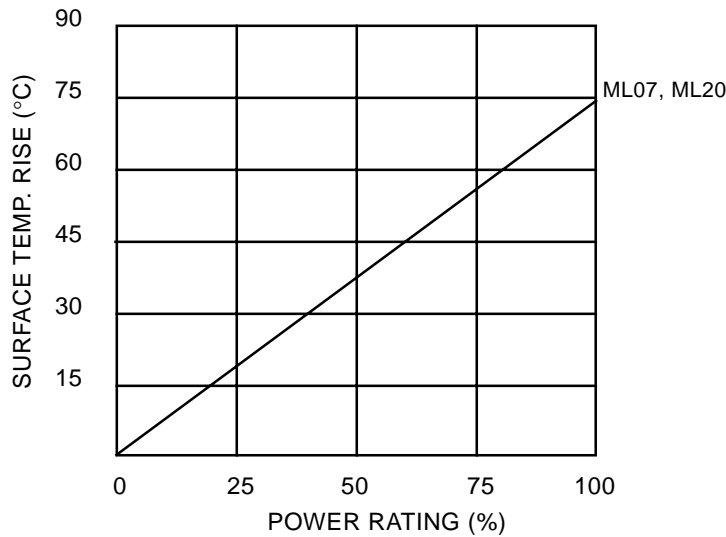
TYPE	TCR (ppm/°C) @70°C	POWER RATING	WORKING VOLTAGE	MAX OVERLOAD VOLTAGE	DWV	OPERATING TEMP. RANGE	RESISTANCE RANGE (E-24)	
							±2% (G)	±5% (J)
ML07	200	250mW	250V	500V	500V	-55°C to +155°C	0.20Ω - 33MΩ	
ML20		500mW	350V	700V	700V		0.33Ω - 51MΩ	

ORDERING AND SPECIFYING INFORMATION



LEADED COMPONENTS

PERFORMANCE CHARACTERISTICS



PARAMETER	CHARACTERISTIC LIMITS
Temperature Coefficient	± 200 ppm
Short Time Overload	± (0.30% + 0.05Ω)
Resistance to Solder Heat	± (0.20% + 0.05Ω)
Moisture Resistance	± 1.5%
Load Life	± 1.5%
Failure Rate	<10 ⁻⁵ /1000 hrs
Temperature Cycling	± (0.50% + 0.05Ω)
Vibration	± (0.20% + 0.05Ω)
Shock	± (0.20% + 0.05Ω)
Terminal Strength	5 # min.
Current Noise	< 1.0 μv/v/decade
Voltage Coefficient	< 20 ppm/v
Low Temperature Operation	± (0.30% + 0.05Ω)

LEADED
COMPONENTS