GLOBAL PART NUMBER INFORMATION

New Global Part Numbering: RN60D3483FR36 (preferred part numbering format)

R	N	6	0	D	3	4	8	3	F	R	3	6	

MIL STYLE	CHARACTERISTIC	RESISTANCE VALUE	TOLERANCE CODE	PACKAGING	SPECIAL
RN50 **RN55** **RN60** **RN65** **RN70**	**E** = 25 ppm **C** = 50 ppm **D** = 100 ppm	3 digit significant figure, followed by a multiplier **10R0** = 10 Ω **2152** = 21.5 kΩ **2494** = 2.49 MΩ	**B** = ± 0.1 % **C** = ± 0.25 % **D** = ± 0.5 % **F** = ± 1 %	**B14** = Tin/Lead, Bulk **BSL** = Tin/Lead, Bulk, Single Lot Date Code **R36** = Tin/Lead, T/R (Full) **RE6** = Tin/Lead, T/R (1000 pieces) **RSL** = Tin/Lead, T/R, Single Lot Date Code	Blank = Standard (Dash Number)

Historical Part Number example: RN60D3483F (will continue to be accepted)

RN60	D	3483	F	R36
MIL STYLE	CHARACTERISTIC	RESISTANCE VALUE	TOLERANCE CODE	PACKAGING

New Global Part Numbering: RL07S471JR36 (preferred part numbering format)

R	L	0	7	S	4	7	1	J	R	3	6

MIL STYLE	LEAD MATERIAL	RESISTANCE VALUE	TOLERANCE CODE	PACKAGING
RL07 **RL20**	**S** = Solderable	2 digit significant figure, followed by a multiplier **4R3** = 4.3 Ω **202** = 2.0 kΩ **474** = 470 kΩ	**G** = ± 2 % **J** = ± 5 %	**B14** = Tin/Lead, Bulk **BSL** = Tin/Lead, Bulk, Single Lot Date Code **R36** = Tin/Lead, T/R (Full) **RE6** = Tin/Lead, T/R (1000 pieces) **RSL** = Tin/Lead, T/R, Single Lot Date Code

Historical Part Number example: RL07S471J (will continue to be accepted)

RL07	S	471	J	R36
MIL STYLE	LEAD MATERIAL	RESISTANCE VALUE	TOLERANCE CODE	PACKAGING

MATERIAL SPECIFICATIONS

Element:	Nickel-chrome alloy
Coating:	Flame retardant epoxy, formulated for superior moisture protection
Core:	Fire-cleaned high purity ceramic
Termination:	Standard lead material is solder-coated copper. Solderable and weldable.

ENVIRONMENTAL SPECIFICATIONS

General:	Environmental performance is shown in the Environmental Performance table. Test methods are those specified in MIL-R-10509 and MIL-PRF-22684.
Shelf Life:	Resistance shifts due to storage at room temperature are negligible.

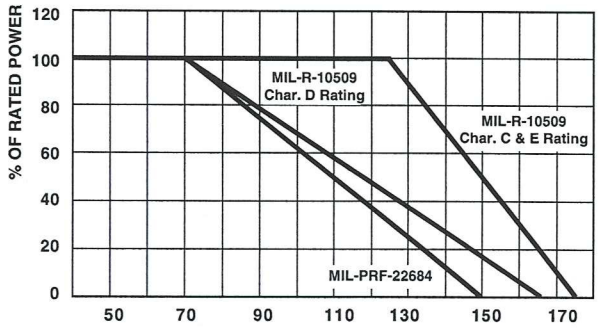
APPLICABLE MIL-SPECS

MIL-R-10509 and MIL-PRF-22684: The CMF models meet or exceed the electrical, environmental and dimensional requirements of MIL-R-10509 and MIL-PRF-22684.

Noise: Vishay Dale metal film resistors have exceptionally low noise level. Average for standard resistance range is 0.10 µV per V over a decade of frequency, with low and intermediate resistance values typically below 0.05 µV per V.

CAGE CODE: 91637

Vishay Dale CMF resistors have an operating temperature range of - 65 °C to + 175 °C. They must be derated according to the following curves:



DERATING