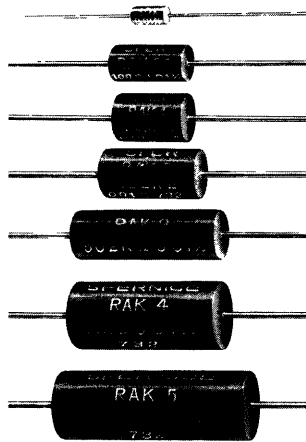




RAK

very high precision and stability wirewound resistor axial leads

0,1 W to 0,5 W
at 125°C
NF C 93-217
(RK52... RK57)
MIL-R-39005
CECC 40 300



- VERY HIGH STABILITY
- EXCELLENT MECHANICAL AND CLIMATIC PROTECTION
- VERY LOW TEMPERATURE COEFFICIENT
K9 : ± 2 ppm/°C - K8 : ± 5 ppm/°C - K6 : ± 10 ppm/°C
- LOW SELF-INDUCTANCE
- EXTENDED RESISTANCE RANGE (5 Ω ... 10 M Ω)
- VERY TIGHT TOLERANCE ($\pm 0,01$ % to ± 1 %)

Table 1

SFERNICE series	$\varnothing B \pm 0,5$	$\pm 0,5$ A $-0,8$	Unit weight (in g)
RAK M	3,6 max.	7,1 max.	0,3
RAK 01	4,8	9,5	0,45
RAK 1	6,4	8,8	0,95
RAK 2	6,4	12,7	1,25
RAK 3	6,4	19	1,65
RAK 4	9,5	19	2,85
RAK 5	9,5	25,4	3,90

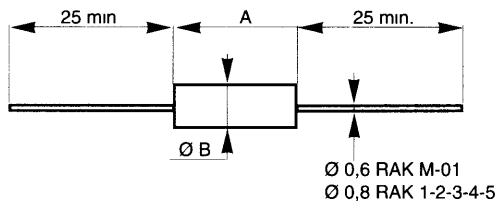


Fig 1

Dimensions in mm

SPECIFICATIONS

Table 2

SFERNICE SERIES AND STYLE		RAKM	RAK01	RAK1	RAK2	RAK3	RAK4	RAK5
MIL-R-31005 TYPE		-	-	RBR56	RBR55	RBR54	RBR53	RBR52
NF C 93-217 TYPE		-	RK57	RK56	RK55	RK54	RK53	RK52
POWER RATING AT +125°C		0,1 W	0,125 W	0,125 W	0,15 W	0,25 W	0,33 W	0,5 W
LIMITING ELEMENT VOLTAGE		150 V	200 V	150 V	200 V	300 V	350 V	600 V
CRITICAL RESISTANCE		-	320 k Ω	178 k Ω	261 k Ω	375 k Ω	365 k Ω	715 k Ω
DIELECTRIC WITHSTAND VOLTAGE AND INSULATION RESISTANCE		750 V RMS			10 ⁶ M Ω (500 V DC)			
OHMIC VALUE IN RELATION TO TOLERANCE	K4 : ± 25 ppm/°C $0^{\circ}\text{C} +100^{\circ}\text{C}$ ± 50 ppm/°C $+100^{\circ}\text{C} +155^{\circ}\text{C}$ ± 100 ppm/°C $0^{\circ}\text{C} - 55^{\circ}\text{C}$	5 Ω	5 Ω	5 Ω	5 Ω	5 Ω	10 Ω	10 Ω
	K6 : ± 10 ppm/°C K8 : ± 5 ppm/°C K9 : ± 2 ppm/°C	50 Ω	50 Ω	50 Ω	100 Ω	100 Ω	200 Ω	200 Ω
		200 k Ω	600 k Ω	1 M Ω	2 M Ω	3 M Ω	8 M Ω	10 M Ω
	± 1 % $\pm 0,5$ % $\pm 0,1$ %	5 Ω	5 Ω	5 Ω	5 Ω	5 Ω	10 Ω	10 Ω
	$\pm 0,05$ % $\pm 0,02$ % $\pm 0,01$ %	≥ 500 Ω ≥ 2 k Ω ≥ 5 k Ω	100 Ω	100 Ω	100 Ω	100 Ω	200 Ω	200 Ω

