

MULTISECTIONAL SPARK GAPS

Multisectional spark gaps R-34M, R-64M, R-64-1, R-98, R-99, R-103 were produced to protect high voltage electrode circuits and electron-beam tubes from internal breakdowns. They immediately reconstruct their insulation characteristics after the surge discharge end without disturbing the operating of the protected circuits.

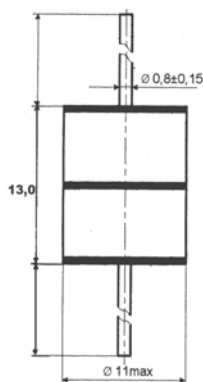


Item	Breakdown voltage, kV	Dynamic breakdown voltage (dU/dt, kV/microsecond), kV	Extinction voltage (at current < mA), kV	Pulse current (regime*), A	Dimensions, d x H, mm	Operating time, breakdown time
R-34M	0.8-1.2	2.0 (4)	0.5 (500)	1000 (1), 10 (2)	11x13	1000 (1)
R-64M	0.7-1.0	1.5 (4)			12x30	200 (1)
R-98	3.4-4.6	10.0 (20)	2 (1.5)	600 (3)	9.5x13	1000
R-99	10.0-13.0	22.0 (20)	8.5 (4)		9.5x25	
R-103	2.0-3.0	8.0 (20)	1 (1)		9.5x13	

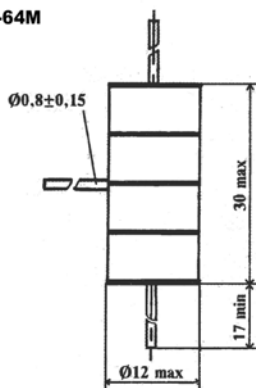
* regime 1 – 50/150 microsecond; regime 2 – sinusoidal current 50 Hz, 3 seconds; regime 3 – 3/8 microseconds.

The draft:

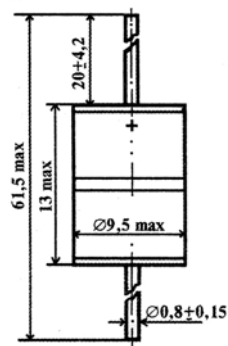
R-34M



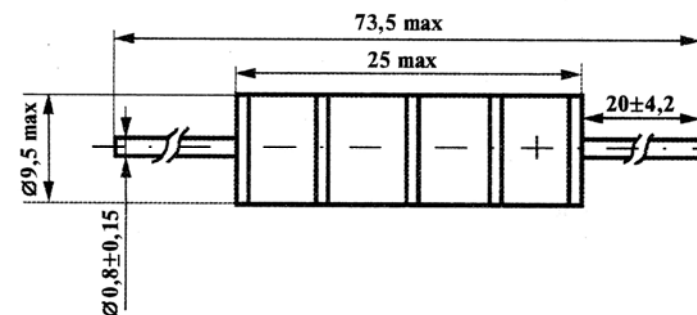
R-64M



R-103



R-99



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