

UNTRIGGERED SPARK GAP SWITCHES

Untriggered spark gap switches RK and R-90 are unsoldered metal-ceramic devices, which construction is optimal for using them in impulse circuit of devices with exclusive standards to the speed of communication line, to the breakdown voltage stability and to the amount of power leakage.

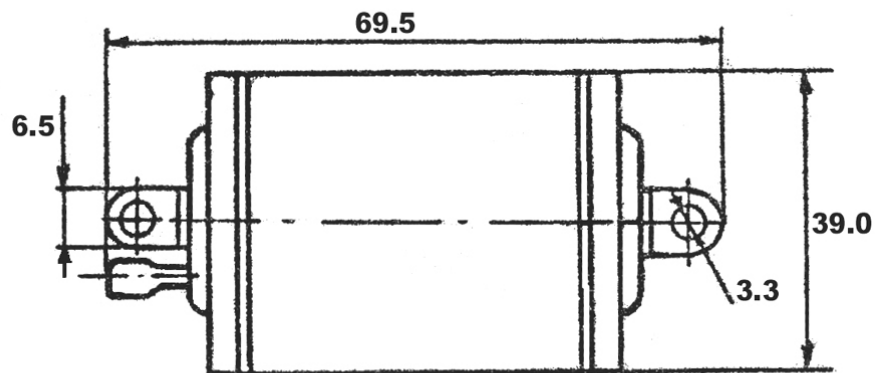
The devices are very compact. They can operate for a long time in close climatic (for example, at a temperature to +250 ° C) and mechanical conditions. These spark gaps have already approved themselves as reliable hardware components for ignition systems of aircraft engines, for impulse fault indicators and for other technological equipment.



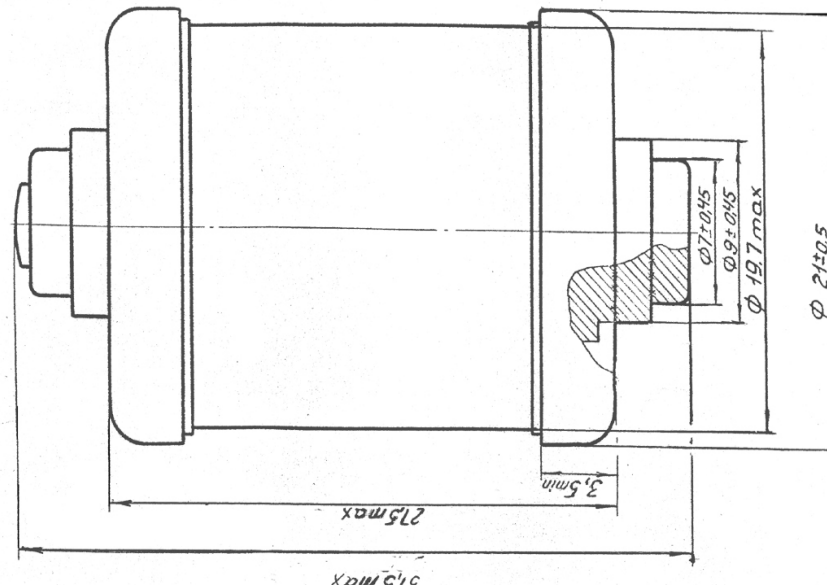
Item	Dynamic breakdown voltage, kV	Average switching power, W	Pulse current, kA	Dimensions, d x H, mm	Operating time, imi.
RK-158	0.6-0.8	30-80	0.8-2.5	21.5x37.5	$5 \times 10^6 - 1 \times 10^7$
RK-159	0.8-1.2				
RK-160	1.3-1.7				
RK-161	1.9-2.3				
RK-162	2.8-3.3				
RK-163	3.8-4.4				
RK-164	5.5-6.2				
RK-165	7.7-8.6				
RK-166	9.5-10.8				
RK-162-01	2.8-3.3			28.5x46	
RK-165-01	7.7-6.8				
RK-166-01	9.5-10.8				
R-90	9.0-11.0	80		39x69.5	3×10^6

The draft:

R-90



RK-158 ... RK-166



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