

Disk and washer resistors

KANTHAL

High-energy resistors in solid disk and washer styles from 1.60 to 5.90 inches (40.6 to 150 mm) in diameter.



Product characteristics	
Maximum temperature	230°C (446°F)
Maximum peak Voltage	5000 Volts
Contacts	Brass metallization on faces
Recommended contact pressure	25 psi minimum; 50-100 psi preferred
Power rating	Dependent upon mounting and exposed surface area. In free air, parts will safely dissipate 2.5 watts per square inch of surface area at 40°C (104°F) ambient.
Resistance temperature coefficient	0.0%/°C to -0.1%/°C

Product specifications							
Type	Style	Inside diameter, inches	Outside diameter, inches	Thickness, inches	Peak energy, Joules	Available resistance, Ohms	
						Min.	Max.
911DS	Solid disk	-	1.60±0.06	1.000±0.040	9000	1.6	100
912DS	Solid disk	-	2.37±0.06	1.000±0.040	21000	0.7	90
913DS	Solid disk	-	3.00±0.08	1.000±0.040	33000	0.5	56
914DS	Solid disk	-	3.75±0.08	1.000±0.040	52500	0.3	36
913WS	Washer	1.200±.060	3.00±0.08	1.000±0.040	27600	0.5	78
914WS	Washer	1.300±.060	3.75±0.08	1.000±0.040	47000	0.3	36
915WS	Washer	1.200±.060	4.37±0.08	1.000±0.040	65500	0.2	28
916WS	Washer	1.200±.060	4.75±0.08	1.000±0.040	79500	0.2	24
917WS	Washer	1.300±.060	5.00±0.08	1.000±0.040	80500	0.2	20
918WS	Washer	1.300±.060	5.90±0.08	1.000±0.040	120000	0.1	13