



CERMET's Flat resistors provides stable performance for a wide range of resistance values, with voltage ratings up to 30KV. Low temperature coefficients are available for high stability circuit applications. The spacesaving planar package offers an alternative to traditional high voltage resistors.

Applications :

HV power supplies, Medical instrumentation, Current pulse limiters, Ionization chambers

Specifications :

Material Resistor Element: Thick film on Alumina

Mechanical Dimensions : as per table below

Coating: Epoxy **Terminals:** RoHS solder composition

Features :

High Voltage Resistors in thick film technology
Radial leads, variable lead spacing by bending,
Climatic protection by silicone / epoxy coating,
Chip version available (without coating)
Special versions possible
Resistance values up to 10 Gega-Ohm
Low values of TCR and VCR

Packaging :

Bulk in plastic bags or boxes
Minimum quantity: 200 pieces per value
The labeling is made at the packing unit only.
Marking on single components is also available

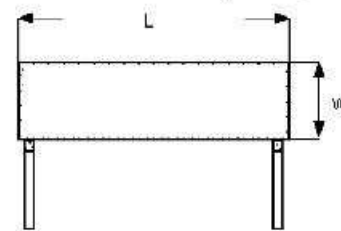
General technical data :

Temperature range -55°C ... +125°C

Humidity- 55% RH



Standard Version (radial)



CFHVR (Cermet Flat High Voltage Resistor Series) :

Type	W mm	L mm	T max mm	Watt	Working Voltage	Resistance Range	Tolerance +/- %	TCR ppm	Insulation Resistance
CFHVR-15	17	36	2.5	2.5	15 KV	5 K-200 G	1,2 5,10	+/- 100	>10 T Ohm
CFHVR-20	22	52		5.0	20 KV	5 K-200 G			
CFHVR-30	27	62		7.5	30 KV	5 K-200 G			

CSFHVR (Cermet Slim Flat High Voltage Resistor Series) :

Type	W mm	L mm	T max mm	Watt	Working Voltage	Resistance Range	Tolerance +/- %	TCR ppm	Insulation Resistance
CSFHVR-5	8.5	22	2.5	1.5	5KV	5K-50G	1,2 5,10	+/- 100	>10 T Ohm
CSFHVR-8	8.5	32		2.0	8KV	5K-100G			
CSFHVR-12	8.5	42		2.5	12KV	5K-150G			
CSFHVR-15	8.5	52		3.0	15KV	5K-200G			

CFEHVR (Cermet Flat Extra High Voltage Resistors is also available on request.



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