



**SPECIALISTS IN CUSTOM MANUFACTURED PRECISION  
HIGH POWERED RESISTORS  
SERVING THE ELECTRONICS INDUSTRY FOR 34 YEARS.**

**PRECISION THICK FILM RESISTORS**

## AXIAL LEAD RESISTORS

### HV SERIES

An axial leaded resistor used in applications requiring higher working voltages and higher wattage ratings. Offering a very high resistance range.

#### SPECIFICATIONS

HMC PART	WATT AGE	VOLTAGE RATING	RESISTANCE		MAXIMUM DIMENSIONS		
			MIN.	MAX.	CL	BD	LD
HV-60	1.0	1500VDC	250K	4000M	.405 (10.287)	.150 (3.810)	.032 (.812)
HV-65	2.0	2500VDC	300K	10000M	.620 (15.748)	.171 (4.343)	.032 (.812)
HV-70	3.0	5000VDC	500K	15000M	.835 (21.209)	.255 (6.477)	.032 (.812)
HV-80	3.0	7500VDC	500K	20000M	.965 (24.511)	.340 (8.636)	.032 (.812)
HV-100	5.0	15000VDC	750K	30000M	1.815 (46.101)	.340 (8.636)	.032 (.812)
HV-120	6.0	20000VDC	750K	50000M	2.130 (54.102)	.340 (8.636)	.032 (.812)

- \* TOLERANCES FROM .1% TO 20%
- \* SPECIAL TEMPERATURE COEFFICIENTS
- \* GUARANTEED VOLTAGE COEFFICIENTS
- \* FLAME PROOF COATINGS
- \* MARKING TO CUSTOMER SPECIFICATIONS
- \* MANUFACTURING AND TESTING TO MIL-SPEC R-49462A

### HA SERIES

An axial leaded resistor where precision electrical properties are required, tight tolerances, low temperature coefficients and extreme stability are needed.

#### SPECIFICATIONS

HMC PART	WATT AGE	VOLTAGE RATING	RESISTANCE		MAXIMUM DIMENSIONS		
			MIN.	MAX.	CL	BD	LD
HA-60	.50	750VDC	50K	2000M	.405 (10.287)	.150 (3.810)	.032 (.812)
HA-65	1.0	1500VDC	100K	5000M	.620 (15.748)	.171 (4.343)	.032 (.812)
HA-70	2.0	3500VDC	300K	7500M	.835 (21.209)	.255 (6.477)	.032 (.812)
HA-80	3.0	5000VDC	500K	8500M	.965 (24.511)	.340 (8.636)	.032 (.812)
HA-100	4.0	7500VDC	500K	10000M	1.815 (46.101)	.340 (8.636)	.032 (.812)
HA-120	5.0	10000VDC	500K	10000M	2.130 (54.102)	.340 (8.636)	.032 (.812)

- \* TOLERANCES FROM .1% TO 10%
- \* SPECIAL TEMPERATURE COEFFICIENTS
- \* GUARANTEED VOLTAGE COEFFICIENTS
- \* FLAME PROOF COATINGS
- \* MARKING TO CUSTOMER SPECIFICATIONS
- \* MANUFACTURING AND TESTING TO MIL-SPEC R-49462A

### PRECISION PLATE RESISTORS

#### SPECIFICATIONS

### FA SERIES

The FA series was designed to meet the growing need for higher resistance values in smaller package sizes. The FA series also delivers true non-inductive performance. With values up to 5 teraohms.

HMC PART	WATT AGE	VOLTAGE RATING	RESISTANCE		DIMENSIONS (+/-) .010		
			MIN.	MAX.	LENGTH	HEIGHT	CL
FA-60	.5W	1.0KVDC	1.0M	100G	.400"	.300"	.300"
FA-65	1.0W	2.0KVDC	1.0M	200G	.580"	.400"	.480"
FA-80	2.0W	5.0KVDC	1.0M	400G	1.000"	.400"	.900"
FA-100	3.0W	7.5KVDC	1.0M	800G	1.500"	.400"	1.400"
FA-150	4.0W	10.0KVDC	1.0M	4.0T	1.800"	.580"	1.600"

### PRECISION PLATE RESISTORS

### FV SERIES

The FV series was originally designed to meet the rigors of military avionics. This tested and proven design has now been expanded into a complete series to meet today's requirements of advance x-ray, radar systems and high resolution CRT's.

HMC PART	WATT AGE	VOLTAGE RATING	RESISTANCE RANGE	DIMENSIONS			
				L	W	CL	LD
FV-3	2.0W	5.0KVDC	1MEG - 1200MEGS	1.00	.350	.800	.032
FV-7	3.0W	12.0KVDC	1MEG - 5000MEGS	1.10	.580	.870	.032
FV-10	4.0W	20.0KVDC	1MEG - 5000MEGS	2.00	.500	1.80	.032
FV-15	6.0W	30.0KVDC	1MEG - 10000MEGS	2.00	1.00	1.80	.032

### DIVIDER NETWORK RESISTORS

### DVN SERIES

The DVN series of voltage divider networks can be produced with a broad range of resistance values, voltage ratios, ratio tolerances and ratio temperature coefficients.

HMC PART	WATT AGE	VOLTAGE RATING	RESISTANCE RANGE	MAX RATIO	DIMENSIONS			
					L	W	CL(r1)	CL(r2)
DVN-2	1.0W	5.0KVDC	1MEG - 1.0KM	1000: 1	.750	.680	.450	.200
DVN-7	2.0W	10.0KVDC	1MEG - 5.0KM	1500: 1	1.10	.580	.700	.200
DVN-10	4.0W	20.0KVDC	1MEG - 5.0KM	3000: 1	2.00	.500	1.80	.200
DVN-15	6.0W	25.0KVDC	1MEG - 10 KM	5000: 1	2.00	1.00	1.80	.200

FOR TECHNICAL ASSISTANCE CALL:  
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