

METAL OXIDE FILM

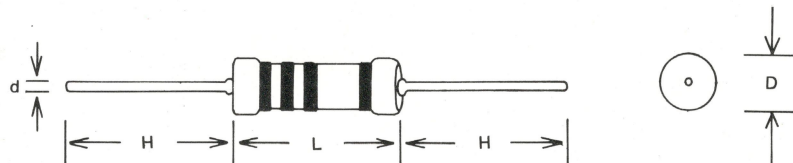
FIXED RESISTOR

SPECIFICATIONS PER

I E C - 115-4
D I N - 44063
M I L - 11804

FEATURES

- FLAME RETARDANT
- SOLVENT RETARDANT
- COLOR CODING



DIMENSIONS

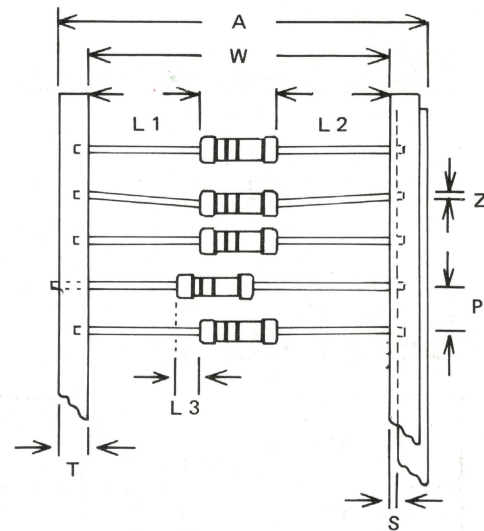
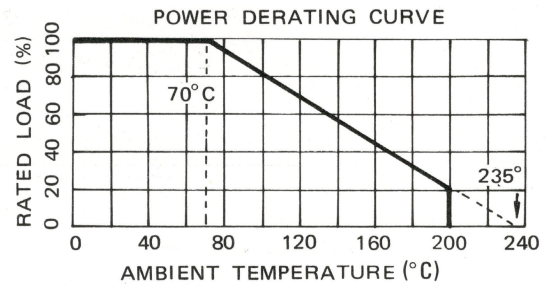
TYPE NO.	BODY (M/M)		LEADWIRE (M/M)		NET WEIGHT PER 1000PCS
	LENGTH (L)	DIAMETER (D)	LENGTH (H)	DIAMETER (d)	
MO - 050	8.8±1.0	3.2±0.2	28±3.0	0.6±0.03	340 GRMS
MO - 100	10.5±1.0	3.5±0.5	28±3.0	0.7±0.03	500 GRMS
MO - 200	13.5±1.0	5.0±0.5	30±3.0	0.8±0.03	1050 GRMS
MO - 300	15.5±1.0	5.5±0.5	30±3.0	0.8±0.03	1200 GRMS
MO - 400	19.0±1.0	6.0±0.5	30±3.0	0.8±0.03	1620 GRMS
MO - 500	19.0±1.0	8.0±0.5	30±3.0	0.8±0.03	3100 GRMS
MO - 700	31.5±1.0	8.0±0.5	30±3.0	0.8±0.03	4000 GRMS

SPECIFICATIONS

TYPE NO.	POWER RATING AT 70°C	MAX. WORKING VOLTAGE	MAX. OVERLOAD VOLTAGE	RESISTANCE RANGE		RESISTANCE TOLERANCE	STANDARD RESISTANCE VALUES
				MIN.	MAX.		
MO - 050	0.5W	350V	600V	1 OHM	120 K	±5%	E-24
MO - 100	1W	350V	600V	1 OHM	120 K	±5%	E-24
MO - 200	2W	350V	700V	1 OHM	150 K	±5%	E-24
MO - 300	3W	350V	700V	1 OHM	150K	±5%	E-24
MO - 400	4W	450V	800V	1 OHM	180 K	±5%	E-24
MO - 500	5W	500V	1000V	1 OHM	200 K	±5%	E-24
MO - 700	7W	600V	1200V	1 OHM	220 K	±5%	E-24

PERFORMANCE SPECIFICATIONS

CHARACTERISTICS	LIMITS
TEMP. COEFFICIENT 1/2W TO 7W	±300 PPM/°C
SHORT TIME OVERLOAD	±(1%+0.05R)
DIELECTRIC WITHSTANDING VOLTAGE 1/2W 1W TO 2W 3W TO 7W	350V AC 600V AC 1000V AC
INSULATION RESISTANCE	10 ⁴ Mohm MIN.
VOLTAGE COEFFICIENT	25 PPM/V
TEMPERATURE CYCLING	±(1%+0.05R)
HUMIDITY	±2%
LOAD LIFE IN HUMIDITY	±5%
LOAD LIFE (AT 70°C)	±5%
RESISTANCE TO SOLDERING HEAT	±(1%+0.05R)
SOLDERABILITY	90% MIN.
TERMINAL STRENGTH	±(1%+0.05R)
VIBRATION	±(1%+0.05R)
THERMAL SHOCK	±(2%+0.05R)
SHELF LIFE (ONE YEAR)	±1%



TAPING SPECIFICATION:

(UNIT m/m)

TYPE NO.	A (MAX)	L1-L2 (MAX)	L3 (MAX)	P ±0.5	S (MAX)	T ±0.5	W ±1.5	Z (MAX)
MO - 050	65	±1.0	0.5	5.0	0.8	6.0	52.5	1.2
MO - 100	65	±1.0	0.5	5.0	0.8	6.0	52.5	1.2
MO - 200	76	±1.5	1.0	10.0	0.8	6.0	63.5	1.2
MO - 300	76	±1.5	1.0	10.0	0.8	6.0	63.5	1.2
MO - 400	76	±1.5	1.0	10.0	0.8	6.0	63.5	1.2
MO - 500	76	±1.5	1.0	10.0	0.8	6.0	63.5	1.2
MO - 700	97	±1.5	1.0	10.0	0.8	6.0	83.0	1.2