

FEATURES

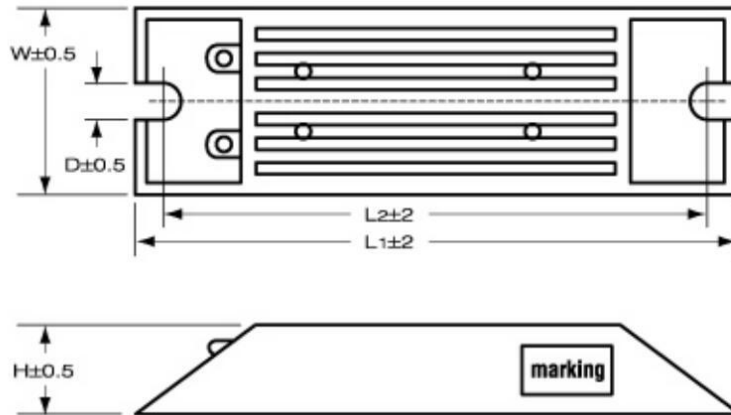
- High power rating , small size and ultra precision
- Excellent load life stability.
- Excellent short time over load
- Strongly resistant to moisture, solvent and insulation.
- Self-extinguish material is used in molding
- Both standard winding type and non-inductive winding type are available
- Terminal arrangements should be separately specified
- High-surge-resistant items are also available .
- Items with the thermal switches are also available



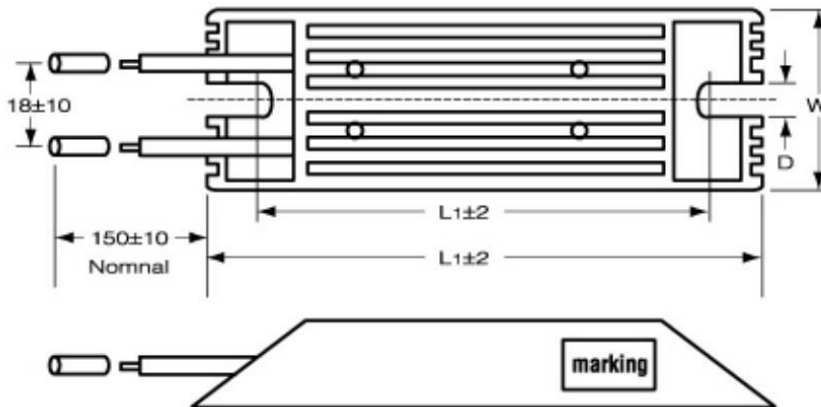
DRAWING and DIMENSIONS (mm)

MH Type:

Terminal: MH 60- MH 150 1t x 6.35x 3.2Ø, Terminal: MH 200- MH 1000 2t x 12.5x 6.3Ø



MHL Type:



Type	Dimensions (mm)					Max. Weight(g)	Resistance Range (Ω)	Non-Inductive Type
	L1	L2	W	H	D			
MH(L)60	115	100	40	20	5.3	110	0.1Ω-10KΩ	0.1Ω-2.5KΩ
MH(L)80	140	125	40	20	5.3	160	0.1Ω-10KΩ	0.2Ω-3KΩ
MH(L)100	165	150	40	20	5.3	200	0.1Ω-10KΩ	0.2Ω-4KΩ
MH(L)120	190	175	40	20	5.3	240	0.15Ω-15KΩ	0.2Ω-5KΩ
MH(L)150	215	200	40	20	5.3	290	0.15Ω-15KΩ	0.2Ω-6KΩ
MH(L)200	165	150	60	30	5.3	460	0.3Ω-20KΩ	0.2Ω-7KΩ
MH(L)300	215	200	60	30	5.3	750	0.5Ω-30KΩ	0.5Ω-8KΩ
MH(L)400	265	250	60	30	5.3	930	0.5Ω-30KΩ	0.5Ω-10KΩ
MH(L)500	335	320	60	30	5.3	1100	0.5Ω-30KΩ	0.5Ω-12KΩ
MH(L)800	400	385	60	30	5.3X2	1250	1Ω-50KΩ	0.5Ω-12KΩ
MH(L)1000	400	385	100	50	5.3X2	2800	1Ω-100KΩ	1Ω-15KΩ

Lead Wire Conductor Cross Section, Withstand Voltage

Conductor Cross Sectional Areas	1.25mm ²	2mm ²	3.5mm ²
Withstand Voltage			
2500V	○	-	-
3000V	○	○	○
3500V	-	○	○

Dimensions are the same as MH type, Lead's size up to customer's request

FIG.1 Surface Temperature Versus Power Load (On Chassis 300x300x3t)

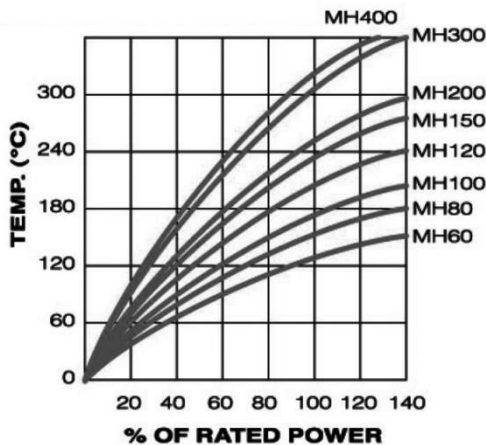
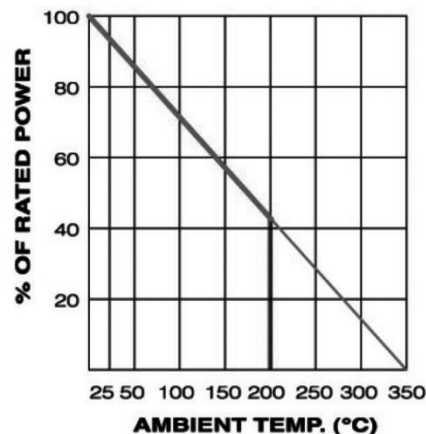


FIG.2 DERATING



ELECTRICAL SPECIFICATIONS

Parameters	Test Conditions	Specifications
Short Time Over Load	5 X Wattage Rating, 5 Seconds	$\Delta R(2\%+0.05\Omega)$ MAX
Moisture Resistance	Temp 40°C Moisture 95% DC 100V 500Hours	$\Delta R(3\%+0.05\Omega)$ MAX
Moisture Load Life	Temp 40°C Moisture 95% 1/10 X Wattage Rating (1.5Hours ON - 0.5Hours OFF) - Repeat 1000Hours	$\Delta R(3\%+0.05\Omega)$ MAX
Load Life	Loading Rating (Chass is mounted)(1.5Hours ON - 0.5Hours OFF) - Repeat 1000Hours	$\Delta R(5\%+0.05\Omega)$ MAX
Vibration	10c/s ~ 50c/s ~ 10c/s (1 min) - 2Hours each of paralleled and right angle	$\Delta R(1\%+0.05\Omega)$ MAX
Heat Resistance	275°C 2 Hours	$\Delta R(0.5\%+0.05\Omega)$) MAX
Dielectric Strength	AC 1500V	$\Delta R(0.2\%+0.05\Omega)$) MAX
Insulation Resistance	Under the same test condition of Dielectric Strength, Load DC 500V and measure the Insulation Resistance.	100M Ω Min
Temp. Coefficient	260ppm/°C Max	
Operating Temp.	-55°C ~ +250°C	

NOMINAL RESISTANCE VALUES

Type		Wattage Rating (W)	Resistance Range (Ω)	
			Standard Type	Non-Inductive Type
MH	60	60	0.1 Ω -10K Ω	0.1 Ω -2.5K Ω
MH	80	80	0.1 Ω -10K Ω	0.2 Ω -3K Ω
MH	100	100	0.1 Ω -10K Ω	0.2 Ω -4K Ω
MH	120	120	0.15 Ω -15K Ω	0.2 Ω -5K Ω
MH	150	150	0.15 Ω -15K Ω	0.2 Ω -6K Ω
MH	200	200	0.3 Ω -20K Ω	0.2 Ω -7K Ω
MH	300	300	0.5 Ω -30K Ω	0.5 Ω -8K Ω
MH	400	400	0.5 Ω -30K Ω	0.5 Ω -10K Ω
MH	500	500	0.5 Ω -30K Ω	0.5 Ω -12K Ω
MH	800	800	1 Ω -50K Ω	0.5 Ω -12K Ω
MH	1000	1000	1 Ω -100K Ω	1 Ω -15K Ω

Note: Other resistance is available on request. WEET is capable of doing custom service for you.



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