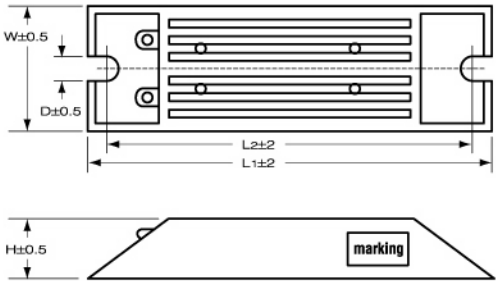
LIEAN GIMN Metal Clad Wirewound Resistor - MH(L) Series

FEATURES:

- Low price Small size.
- High power and 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.

TYPE: MH

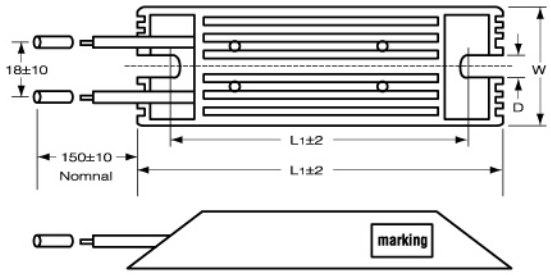
Termianl: MH 60 - MH150 1t x 6.35 x 3.2ø
MH200 - MH1000 2t x 12.5 x 6.3ø



EXTERNAL DIMENSIONS

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	0.1~10KΩ	0.1Ω~2.5KΩ
MH(L)80	140	125	40	20	5.3	160	0.1~10KΩ	0.2Ω~3KΩ
MH(L)100	165	150	40	20	5.3	200	0.1~10KΩ	0.2Ω~4KΩ
MH(L)120	190	175	40	20	5.3	240	0.15~15KΩ	0.2Ω~5KΩ
MH(L)150	215	200	40	20	5.3	290	0.15~15KΩ	0.2Ω~6KΩ
MH(L)200	165	150	60	30	5.3	460	0.3~20KΩ	0.2Ω~7KΩ
MH(L)300	215	200	60	30	5.3	750	0.5~30KΩ	0.5Ω~8KΩ
MH(L)400	265	250	60	30	5.3	930	0.5~30KΩ	0.5Ω~10KΩ
MH(L)500	335	320	60	30	5.3	1100	0.5~30KΩ	0.5Ω~12KΩ
MH(L)800	400	385	60	30	5.3X2	1250	1~50KΩ	0.5Ω~12KΩ
MH(L)1000	400	385	100	50	5.3X2	2800	1~100KΩ	1Ω~15KΩ

TYPE: MHL



LEAD WIRE CONDUCTOR CROSS-SECTION; WITHSTAND VOLTAGE :

Conductor Cross-sectional areas	1.25mm²	2mm²	3.5mm²
Withstand voltage			
2500V	O	-	-
3000V	O	O	O
3500V	-	O	O

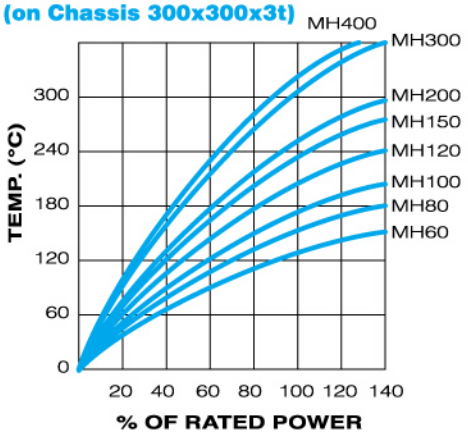
- Dimensions are the same as MH type
- Lead's size to customer's request

PERFORMANCE

Parameters	Test Conditions	Specifications
Short Time Over Load	5X wattage rating-5sec.	ΔR(2%+0.05Ω) MAX
Moisture Resistance	temp 40°C moisture 95% DC 100v500Hr	ΔR(3%+0.05Ω) MAX
Moisture LoadLife	temp 40°C moisture 95% 1/10 X wattage rating (1.5Hr ON-0.5Hr OFF) - Repeat 1000Hr	ΔR(3%+0.05Ω) MAX
Load Life	Load Rating (chass is mounted) (1.5Hr ON-0.5Hr OFF) Repeat 1000Hr	ΔR(5%+0.05Ω) MAX
Vibration	10c/s~50c/s~10c/s (1min)-2Hr each of paralleled and right angle	ΔR(1%+0.05Ω) MAX
Heat Resistance	275°C 2Hr	ΔR(0.5%+0.05Ω) MAX
Dielectric Strength	AC1500V	ΔR(0.2%+0.05Ω) MAX
Insulation Resistance	Under the same test condition of Dielectric Strength, Load DC500V and measure the Insulation R.	100MΩ min
Temp. coefficient	260ppm/°C MAX	
Operating Temp.	-55°C ~+250°C	

SURFACE TEMPERATURE VERSUS POWER LOAD

(on Chassis 300x300x3t)



DERATING