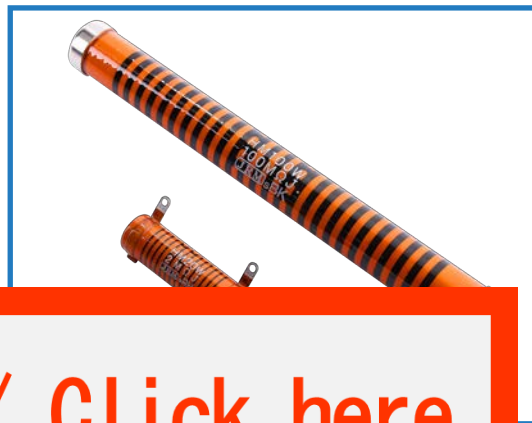


高電圧用固定抵抗器
High Voltage Power Resistor

HM series



こちらをクリック / Click here

デジタルカタログにてご覧ください
Please see the digital brochure.

抵抗温度特性 Temperature coefficient	±300ppm/°C max. (常温 Normal temp. ~ 常温 Normal temp.+ 100°C)	
定格負荷 Power rating load	$\Delta R/R \leq \pm (1\% + 0.05\Omega)$ 最高表面温度 (Max. surface temp. rise) 105°C max.	
短時間過負荷 Short-time overload	アーク焼損等の異常なきこと No evidence of arc damage etc. $\Delta R/R \leq \pm (1\% + 0.05\Omega)$	定格電力×5倍 5秒間負荷 500% of rated power load for 5 seconds
端子強度 Terminal strength	機械的損傷なきこと No evidence of mechanical damage	引張り (Pull) 24.5N for 10 seconds (HM 1~5 W)
耐振性 Vibration	機械的損傷なきこと No evidence of mechanical damage $\Delta R/R \leq \pm (1\% + 0.05\Omega)$	
半田耐熱 Soldering heat	機械的損傷及び外観劣化なきこと No evidence of mechanical damage and appearance deterioration $\Delta R/R \leq \pm (1\% + 0.05\Omega)$	260°C for 5 seconds
半田付け性 Solderability	95%以上新しい半田で覆われること Over 95% covered with new solder.	235°C for 5 seconds

■耐候的特性 Environmental characteristics

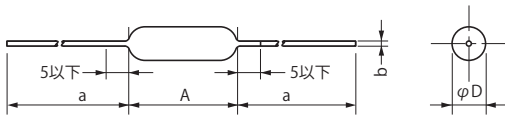
特性 Characteristics	規格値 Standards	試験方法 Test methods
耐熱性 Heat resistance	標印、絶縁被覆に著しい損傷なきこと No deterioration of insulation coating or markings	155°C for 2 hours
温度サイクル Temperature cycle	機械的損傷なきこと No evidence of mechanical damage $\Delta R/R \leq \pm (1\% + 0.05\Omega)$	-55°C ~ 70°C 5 cycles
耐久性 (耐湿負荷) Durability (Moisture resistance)	標印、絶縁被覆に異常なきこと No deterioration of insulation coatings or markings $\Delta R/R \leq \pm (5\% + 0.05\Omega)$	100%負荷 100% of rated power load 90 minutes ON and 30 minutes OFF 40°C 95%RH for 1000 hours
耐久性 (定格負荷) Durability (Nominal load)	標印、絶縁被覆に異常なきこと No deterioration of insulation coatings or markings $\Delta R/R \leq \pm (2\% + 0.05\Omega)$	100%負荷 100% of rated power load 90 minutes ON and 30 minutes OFF 70°C for 1000 hours

抵抗値上限変更
2020/11/01

■規格 Standards

●形状・寸法 Configuration (mm)

1~5W type

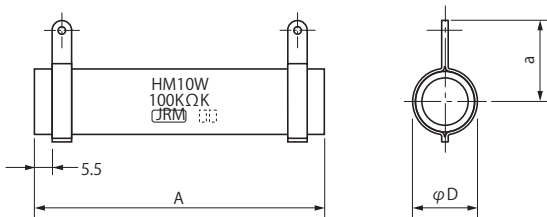


形状 Type	定格電力 (W) Power Rating	寸法 Dimensions (mm)				抵抗値範囲 (Ω) Resistance Range	最高使用電圧(V) Maximum Operating Voltage
		φD	A	a	b		
HM 1W	1	5.0	16.0	38.0	0.8	100k~95M	5,000
HM 2W	2	8.0	25.0	38.0	0.8	100k~100M	8,000
HM 3W	3	8.0	40.0	38.0	0.8	100k~100M	10,000
HM 5W	5	8.0	53.0	38.0	0.8	100k~150M	15,000
HM 10W	10	20.0	90.0	22.0	—	100k~150M	30,000
HM 20W	20	28.0	90.0	31.0	—	100k~150M	30,000
HM 100W	100	37.0	340.0	—	—	100k~250M	60,000

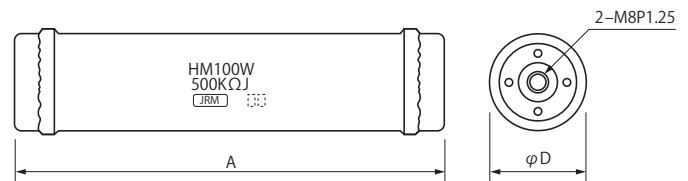
注) 最高使用電圧は定格電圧を超えないこと。

Note) Maximum operating voltage must not exceed the rated voltage.

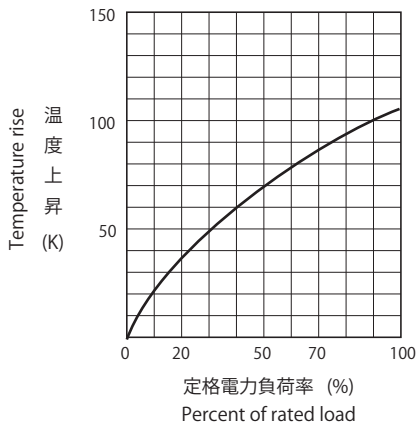
10W 20W type



100W type



●表面温度上昇 Surface Temperature Rise



■カスタムオーダー品 Products by order (Custom order made)

■品番コード Explanation of Part Number

