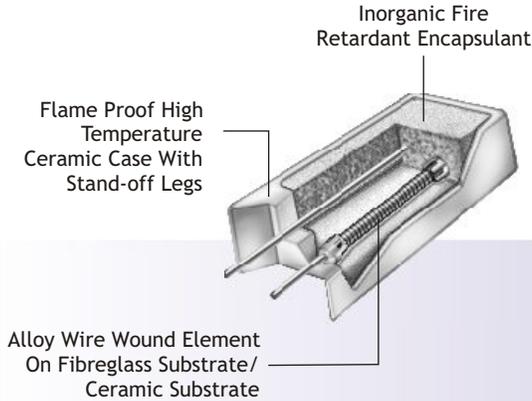




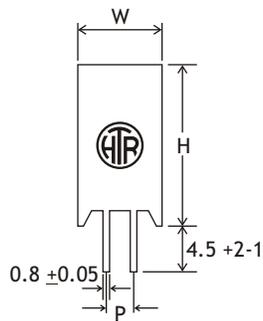
HMV SERIES

SPACE SAVER Slim Type Vertical Mounting



- Especially designed for crowded PCB's
- Ceramic stand-off's

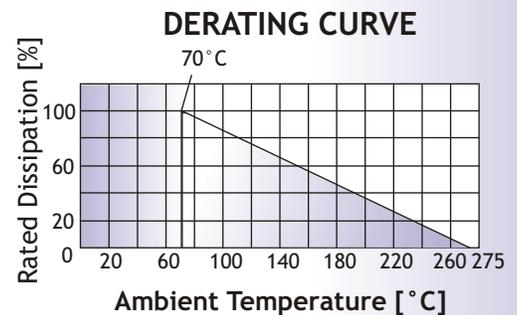
PHYSICAL CONFIGURATION



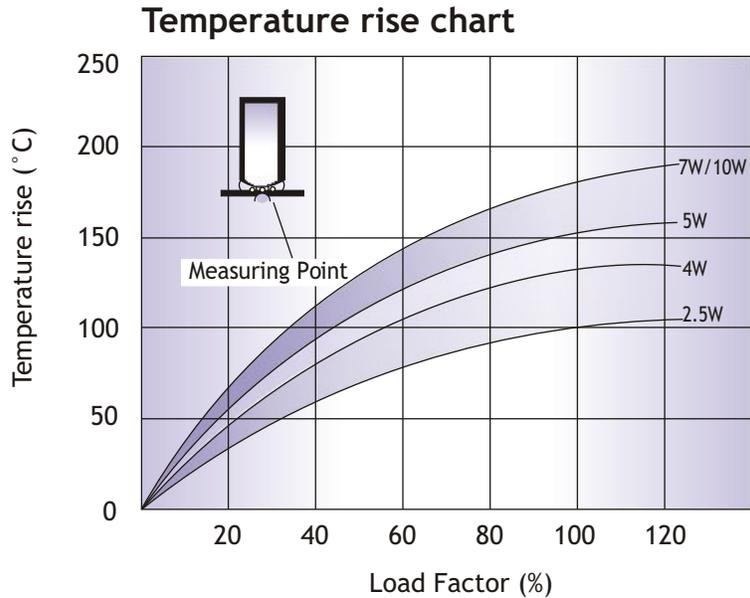
HTR TYPE	POWER RATING at 70°C	DIMENSIONS (mm)				RESISTANCE RANGE		TYPICAL WT. PER PC (gms)
		W ±1	H ±1	D ±1	P ±1	min	max	
M2	2.5W	11.0	20.5	7.0	5.0	R10	5K0	3.8
M4	4W	12.0	25.0	7.0	5.0	R10	8K7	5.0
LV5	5W	13.0	25.5	9.0	5.0	R10	13K	6.4
M7	7W	12.5	38.0	9.0	5.0	R10	18K	7.5
LV10	10W	16.0	35.0	12.0	7.5	R10	26K	15.5

ELECTRICAL AND ENVIRONMENTAL CHARACTERISTICS / DATA

Test	Performance Requirements
Resistance tolerance	± 10% [K]; ± 5% [J]; ± 3% [H]; ± 2% [G]; ± 1% [F]
Rated ambient temperature [see derating curve]	at 70°C full power dissipation
Temperature co-efficient	± 80 to ± 550 ppm/ °C (depending upon resistance value)
Short time overload	Max R+2%[+R05]
Moisture resistance	Max R+3%[+R05]
Load life	Max R+5%[+R05]
Ambient operating temperature range.	-40°C to +155°C
Insulation resistance	> 1000 M [minimum]



TEMPERATURE RISE AT SOLDER JOINT (AT FULL POWER)



TYPICAL APPLICATIONS

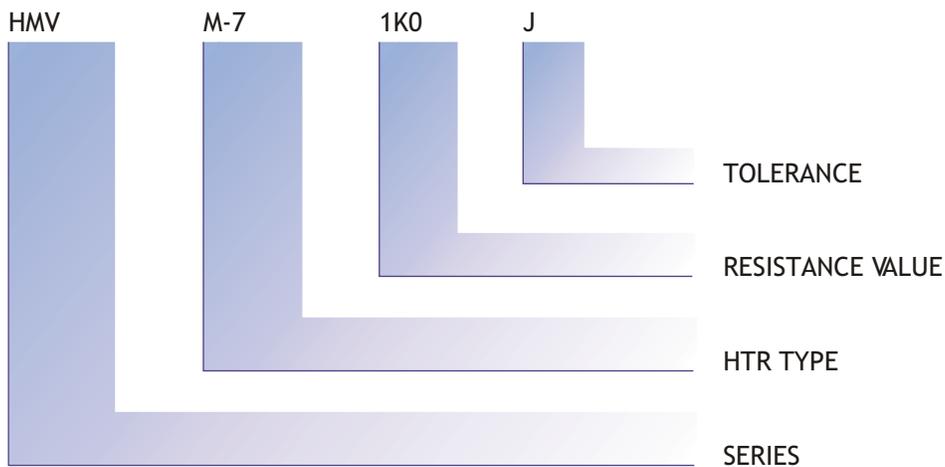
The HMV series originated in the far east to provide low cost high power resistors, which could be vertically mounted firmly on to a PCB with stability provided by its ceramic legs.

These resistors find wide application in colour TV's, VCR's, Printers, Fax Machines, Inverters and Power supplies.

Due to the nature of their construction, they can withstand surges quite efficiently. Please refer to "Understanding pulse & over load capability of wire wound resistors".

In case a tailor-made pulse resistor is required, please refer to "Questionnaire of data required" and provide data accordingly.

ORDERING INFORMATION



Note : 1) Type LV10 can be provided with 1.0mm leads if required, please specify at the time of placing of the order.

2) Due to recent technological advances, the ceramic cases used may be steatite ceramic or cordierite ceramic or high alumina ceramic depending on the nature of the application. Hence the ceramic cases may be off-white or variations of brown and variations of grey; colours which are inherent to these ceramic materials.