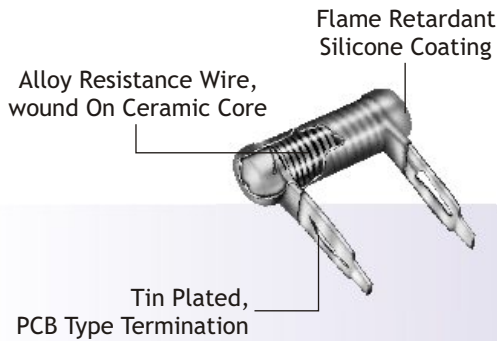




HIP SERIES

POWER TYPE

Silicone Coated Wire Wound Resistors
Industrial Applications

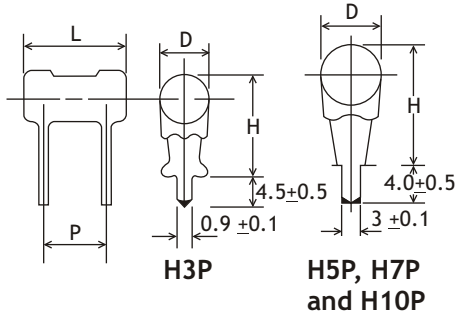


- PCB type termination which can be easily inserted and wave soldered on to the PCB.
- Especially designed for use in B/W and colour monitors. R 10 to 90K

APPLICABLE STANDARDS

EIA - RS - 155 - B, Char. G and JIS - C6401 Char. G.

PHYSICAL CONFIGURATION



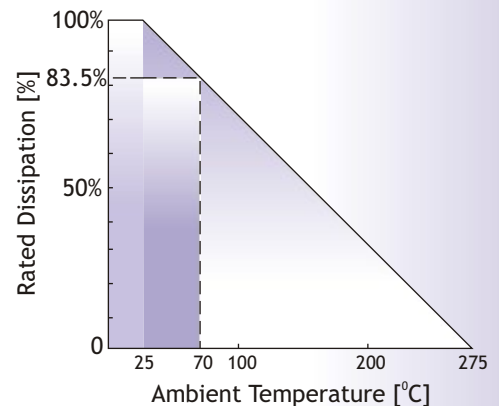
HTR TYPE	POWER RATING at 25°C	DIMENSIONS (mm)				RESISTANCE RANGE		TYPICAL WT. PER PC (gms)
		L ±1.5	* D (max)	P ±1.5	H ±1	min	max	
H3P	3W	20.0	6.5	12.5	18.5	R05	6K8	2.6
H5P	5W	25.0	8.5	15.0	22.5	R05	39K	3.7
H7P	7W	40.0	8.5	29.5	22.5	R05	86K	5.6
H10P	10W	54.0	8.5	43.0	22.5	R05	90K	6.8

*For resistance values < 1R0 + 0.8mm allowed.

ELECTRICAL AND ENVIRONMENTAL CHARACTERISTICS / DATA

Test	Performance Requirements
Resistance tolerance	± 10% [K]; ± 5% [J] ± 2% [G]± 1%[F]
Rated ambient temperature	at 25°C full power dissipation
Insulation resistance	> 1000 M [Dry]
Temperature co-efficient	± 200 ppm/ °C [< R10] ± 90 ppm/ °C [< 1R0] ± 60 ppm/ °C [< 100R] ± 100ppm/ °C [> 100R]
Short time overload	Max R _± [2%+R05]
Moisture Resistance	Max R _± [5%+R05]
Load life	Max R _± [5%+R05]
Ambient operating temperature range.	-40°C to +155°C

DERATING CURVE





TYPICAL APPLICATIONS

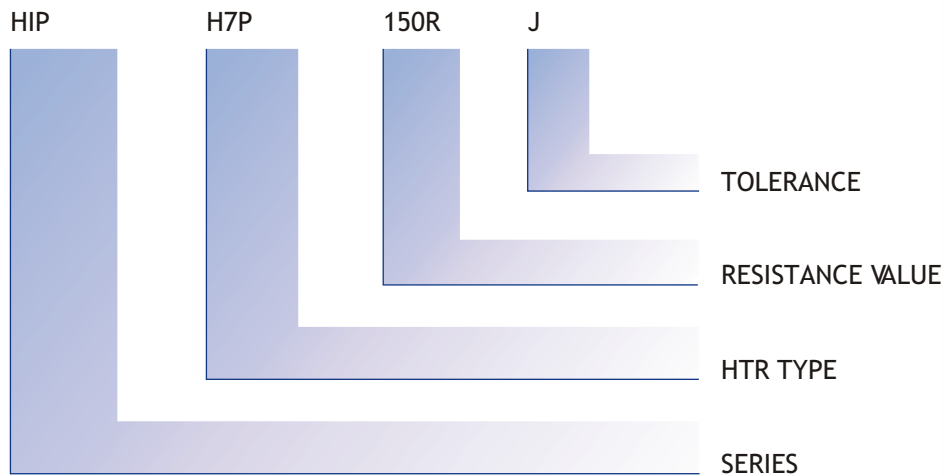
HIP series of power type wire wound resistors have been specifically developed to cater to those OEMs which have automated assembly facilities for TV's and audio equipment.

The terminations are designed as per international specifications so that they merely have to be inserted into the PCB and wave soldered.

HIP series is coated with a fire retardant coating which may well be compatible with UL standards as a special safety feature to prevent any dripping even at high overloads.

Due to the configuration and method of manufacture, resistors of HIP series have rigidly bonded terminations ensuring high endurance against vibration / shock.

ORDERING INFORMATION



The Words - “Applicable Standards” do not necessarily signify certification to that standard, however the tests mentioned are carried out on the broad based guidelines set out in these standards.