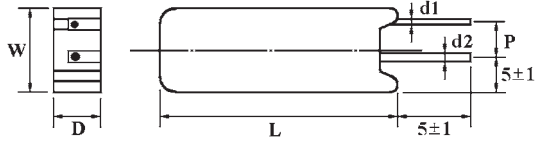
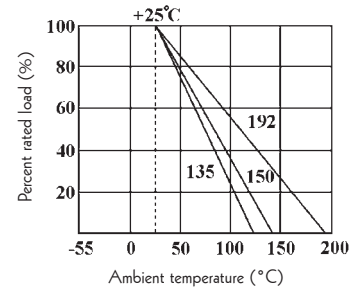


Leaded Type Cement Thermal Fusing Resistors - FTR



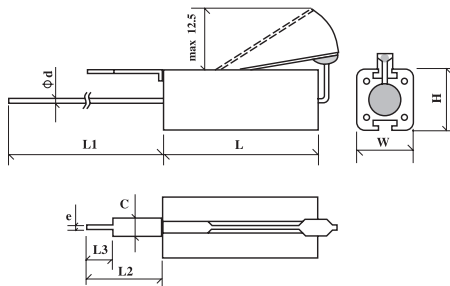
*FTR3A, FTR3B, FTR5A, FTR5B, FTR10C: leads centered

Derating Curve

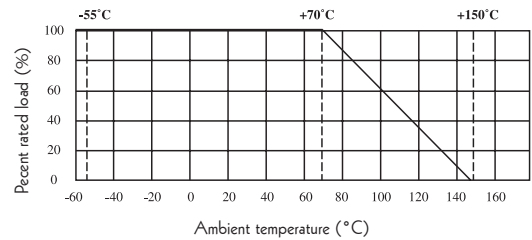


Part No.	Type	Power Rating	Dimension (mm)							Cut-Off Temperature	Rated Current	Rated Voltage	Tolerance	Resistance Range
			D±1	L±1	d ₁ ^{+0.02} _{-0.05}	d ₂ ±0.05	P±1	W±1						
PF3A00	FTR3A	1.5W	8.5	25	0.5	0.70	5	12.5	130±4°C					
PF3B00	FTR3B	2W							145±4°C					
PF5A00	FTR5A	1.6W	9	25	0.5	0.75	5	12.5	130±4°C	2A	250V	±5% & ±10%	1Ω~100Ω	
PF5B00	FTR5B	2.1W							145±4°C					
PF7A00	FTR7A	2.2W	9	38	0.5	0.75	5	12.5	130±4°C					
PF7B00	FTR7B	2.7W							145±4°C					
PFAC00	FTR10C	3.5W	12	35	1	0.75	5	16	188+3/-1°C	10A	250V		1Ω~200Ω	
PFADAW	FTR-10D	10W	12	35	1	1.00	7.5	16	235±3°C	10A	250V	±10%	1Ω~200Ω	

Leaded Type Cement Thermal Fusing Resistors - PHF

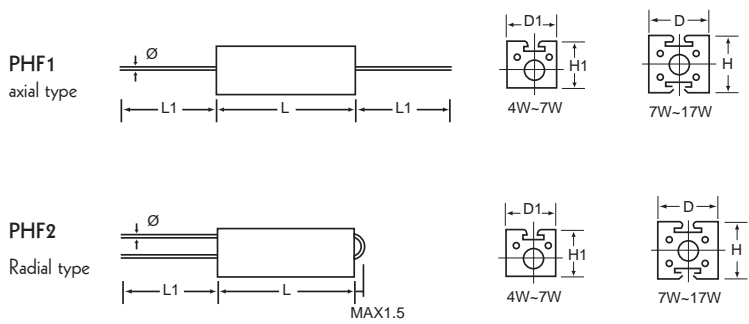


Derating Curve



Part No.	Type	Dimension (mm)									Resistance Range (Wire-wound)	Cut-Off Temperature
		L±1.0	W±1.0	H±1.0	L1±3.0	L2±1.0	L3±0.5	C±0.1	e±0.1	Ød±0.05		
PHF02W	PHF-2W	25	9	10	38	13	4.5	3.0	0.9	0.75	1Ω~470Ω	150±20°C

PHF1 & PHF2 Series



Dimension (mm)

Part No.	Wattage	H±0.5	H1±0.5	D±0.5	D1±0.5	L±1	L1±3	Ø±0.05	Remark
PHF1 4W	4W	/	8	/	7	20	30	0.8	the leads could be specially designed according to customer's requirement
PHF2 4W									
PHF1 5W	5W	/	8	/	7	25	30	0.8	
PHF2 5W									
PHF1 7W	7W	10	8	9	7	25	30	0.8	
PHF2 7W									
PHF1 9W	9W	10	/	9	/	38	30	0.8	
PHF2 9W									
PHF1 11W	11W	10	/	9	/	50	30	0.8	
PHF2 11W									
PHF1 17W	17W	10	/	9	/	75	30	0.8	
PHF2 17W									

Performance Specification

Rated Power	4W~17W
Resistance Range	1Ω~56KΩ
Tolerance	J(±5%) K(±10%)
Temperature coefficient	±350ppm/°C
Short-time overload	ΔR/R ≤ ±(3%+0.05Ω), with no evidence of mechanical damage
Dielectric withstanding voltage	>2,000V
Terminal strength	No evidence of mechanical damage
Resistance to soldering heat	ΔR/R < ±(1%+0.05Ω),with no evidence of mechanical damage
Load life	ΔR/R ≤ ±5%,with no evidence of mechanical damage