



Metal Clad Wire Wound Resistors

The SFH(H=Horizontal) & SFV(V=Vertical) models are our standard wire wound, metal-clad resistors.

These models have an extruded aluminum housing providing strong and rugged protection.

The most common applications for these models are : Motor drives, braking and snubber applications, charging for electric vehicles and power sources for industrial equipment.



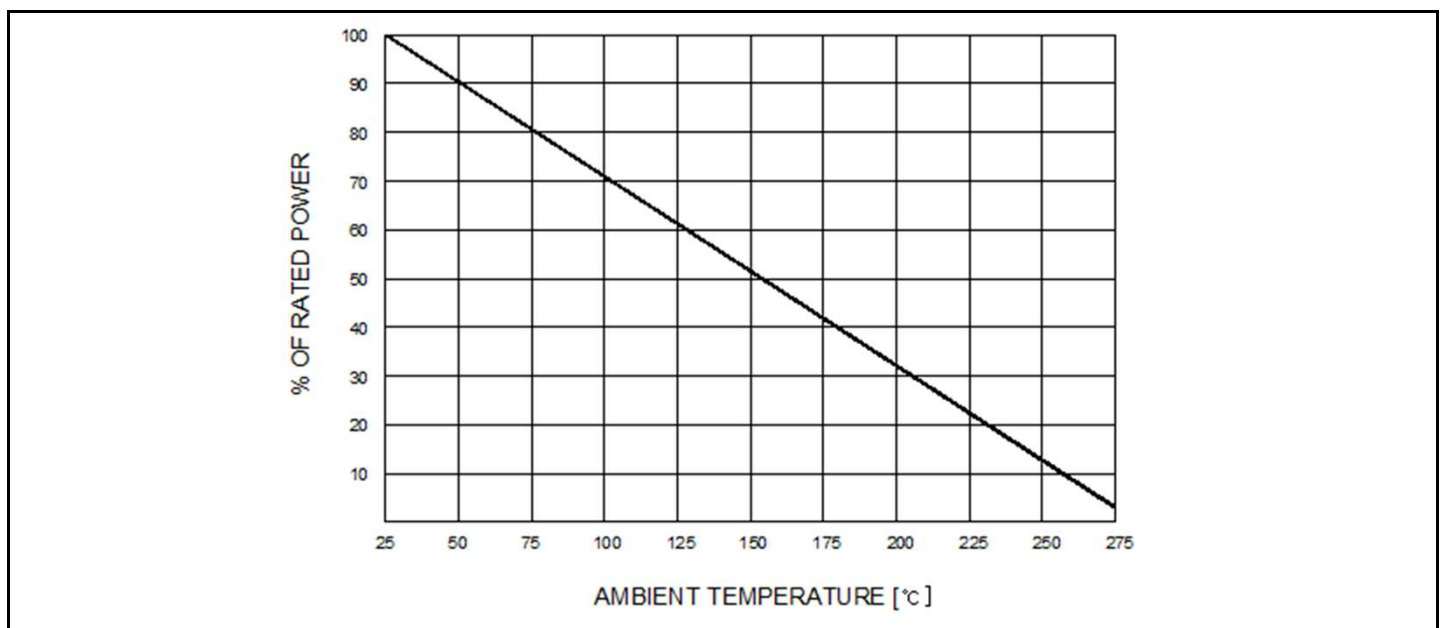
GENERAL SPECIFICATIONS

MODEL	RATED POWER [W] (On Heatsink)	RESISTANCE RANGE [Ω]		TOLERANCE
		INDUCTIVE	NON-INDUCTIVE	
SFH/SFV 60	60	0.1~400	0.1~180	F [±1.0%] J [±5.0%] K [±10%]
SFH/SFV 80	80	0.1~910	0.1~110	
SFH/SFV 100	100	0.1~1.1K	0.1~240	
SFH/SFV 120	120	0.1~1.3K	0.1~300	
SFH/SFV 150	150	0.1~1.6K	0.1~390	
SFH/SFV 200	200	0.1~2.2K	0.1~1.0K	

CHARACTERISTICS

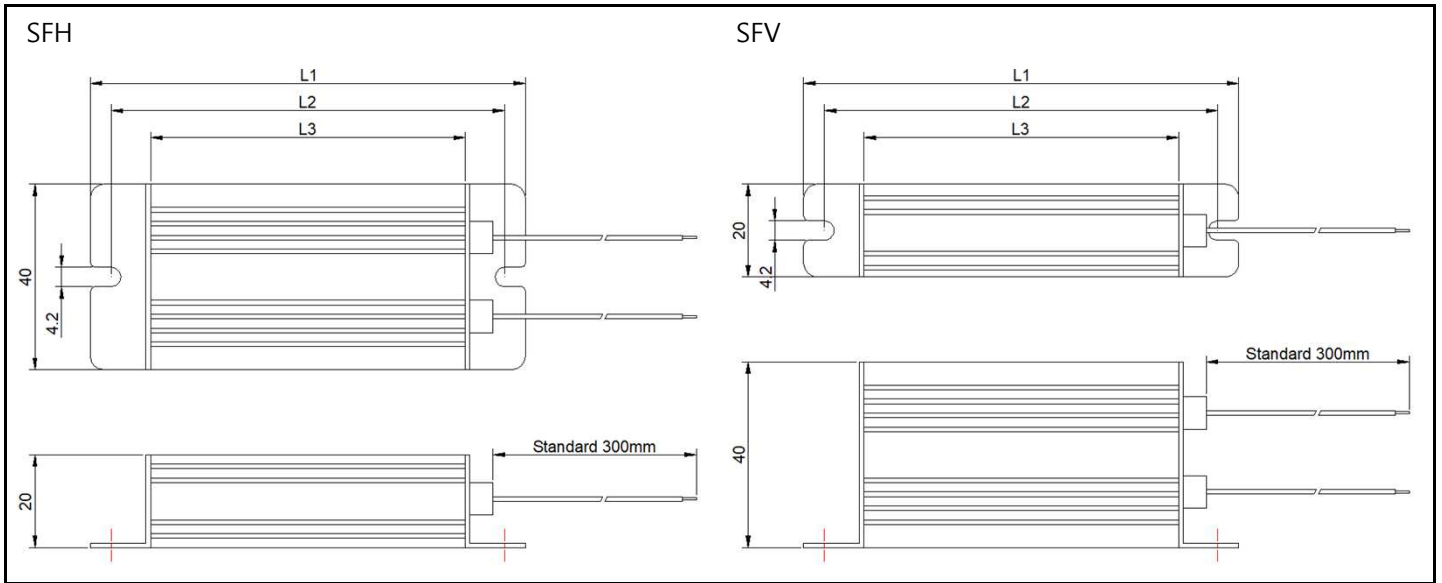
TEST	CONDITIONS
DIELECTRIC WITHSTANDING VOLTAGE	AC 2500V for 1minutes (Leakage current : 5mA)
INSULATION RESISTANCE	100MΩ at 500Vdc
HEAT RESISTANCE	±[5%+0.05Ω] 180°C, 2hours

DERATING CURVE





DIMENSIONS[mm]



MODEL	L1±1.5	L2±1.5	L3±1.5
SFH/SFV 60	94	85	70
SFH/SFV 80	144	135	120
SFH/SFV 100	159	150	135
SFH/SFV 120	179	170	155
SFH/SFV 150	204	195	180
SFH/SFV 200	244	235	220

FLYING LEADS

MODEL	2.5sq	1.5sq	0.75sq
SFH/SFV 60	0.1 Ω ~ 0.6 Ω	X	0.61 Ω ~
SFH/SFV 80	0.1 Ω ~ 0.8 Ω	X	0.81 Ω ~
SFH/SFV 100	0.2 Ω ~ 1.0 Ω	X	1.1 Ω ~
SFH/SFV 120	0.2 Ω ~ 1.0 Ω	1.1 Ω ~	X
SFH/SFV 150	0.2 Ω ~ 1.0 Ω	1.1 Ω ~	X
SFH/SFV 200	0.3 Ω ~ 1.0 Ω	1.1 Ω ~	X

ORDERING PROCEDURE EXAMPLE

