

# ANTI-BURST FUSIBLE RESISTOR

## RFB Series 防爆保險絲電阻器(RFB 系列)

### FEATURES

The ANTI-BURST Type wire wound or film -Type fusible resistors can provide reliable and environmentally safe fusing behavior, reliable performance and endurance to surge voltage.

### 特性

防爆式繞線或皮膜保險絲，提供無爆裂與保護環境的安全熔斷特性，準確的熔斷性能，及在額定功率下作業的持久高穩定性。

### CHARACTERISTICS 性能

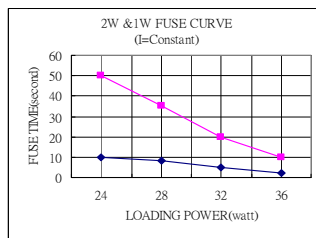
ITEM 項目	REMARKS 備註
Load life under high temperature 高溫負荷壽命	JIS-C-5202 7.10 Rated current at 50% ; 70°C for 1,000 hours
Humidity resistance 高溫高濕	JIS-C-5202 7.9 MIL-STD-202,Method 106,Heat(65°C at 90%~98%).
Vibration 振動試驗	JIS-C-5202 6.3 MIL-STD-202,Method 213,Condition 1.
Thermal shock 溫度循環	JIS-C-5202 7.4 MIL-STD-202,Method 107, Test Condition B.(-55°C ~+155°C)
Insulation resistance 絕緣阻抗	JIS-C-5202 5.6 MIL-STD-202,Method 302( $\geq 10K\Omega$ at 100V)
Resistance to soldering heat 焊錫耐熱	JIS-C-5202 6.4 MIL-STD-202,Method 210,Test Condition C.(20s at 260°C).
Solderability 可焊性	JIS-C-5202 6.5 MIL-STD-202,Method 208.
Lead pull force 端線拉力強度	JIS-C-5202 6.1.2 MIL-STD-202,Method 211, Test Condition A.
Salt Mist Spray 鹽霧試驗	MIL-STD-202,Method 101,Condition B.

### FUSE CHARACTERISTICS : 熔斷特性

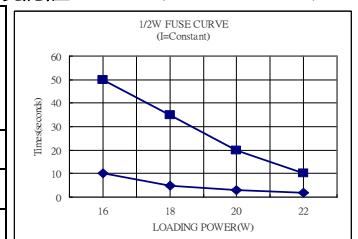
OPERATING TEMPERATURE : 工作溫度 55°C ~ 155°C

SAFETY CERTIFICATION : 安規認證 UL 1412 (File No.E257690)

Power Rating I=constant	Opening Time
24W	10 sec Min
28W	8 sec ~ 40 sec Max
32W	3 sec ~ 10 sec Max
36W	2 sec ~ 5 sec Max



Power Rating I=constant t	Opening Time
16W	10 sec Min
18W	8 sec ~ 35 sec Max
20W	5 sec ~ 20 sec Max
22W	2 sec ~ 10 sec Max



Model 型名	Rated Power 額定功率 (W)	Resistance Range 阻值範圍 ( $\Omega$ )	Dielectric Withstanding Voltage 耐電壓	Dimension 尺寸 (mm)				
				L	D $\phi$	l	d $\phi$	
RFB 1/2W	1/2	0.1 $\Omega$ ~ 100 $\Omega$	2,000V	7.5 $\pm$ 0.5	3.6 $\pm$ 0.3	26 $\pm$ 3	0.60 $\pm$ 0.05	Various types of forming & taping are available 提供插裝的造型與帶裝 
RFB 1W	1	0.1 $\Omega$ ~ 100 $\Omega$	2,000V	9.5 $\pm$ 0.5	4.3 $\pm$ 0.3	26 $\pm$ 3	0.6 / 0.8 $\pm$ 0.05	
RFB 2W	2	0.1 $\Omega$ ~ 100 $\Omega$	2,000V	13 $\pm$ 0.5	5.5 $\pm$ 0.3	26 $\pm$ 3	0.80 $\pm$ 0.05	

### DERATING CURVE : 功率負荷遞減曲線

