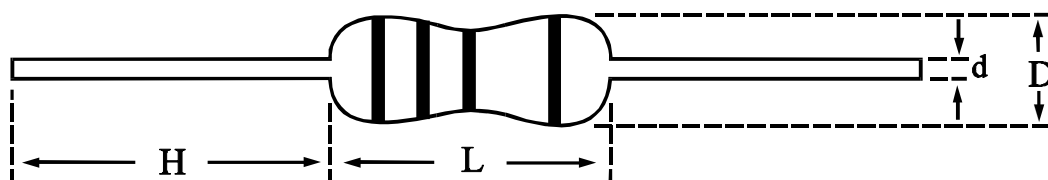


塗裝絕緣型 SURGE 固定抵抗器 (SUR)

COAT-INSULATED FIXED ANTI-SURGE RESISTORS

外型圖 DIMENSIONS



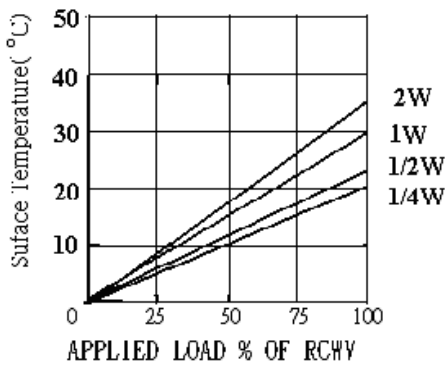
STYLE	DIMENSION(mm)				抵抗值範圍 RESISTANCE RANGE
	L	D	H	d	
SURC1/2W	11.5±1.0	4.5±0.5	35±2.0	0.78±0.03	10Ω~10KΩ (±10%) 3Ω3~9Ω9 (±20%)
SURC1W	15.5±1.0	5.0±0.5	32±2.0	0.78±0.03	
SURC2W	17.5±1.0	6.5±0.5	35±2.0	0.78±0.03	
SURM1/2W	9.0±0.5	3.2±0.5	26±2.0	0.65±0.03	1K~1G (±10%) 1K~1M(±1%, ±2%, ±5%,)
SURM1W	11.5±1.0	4.5±0.5	35±2.0	0.78±0.03	
SURM2W	15.5±1.0	5.5±0.5	35±2.0	0.78±0.03	
SURM3WS	15.5±1.0	5.5±0.5	35±2.0	0.78±0.03	

定格 RATING

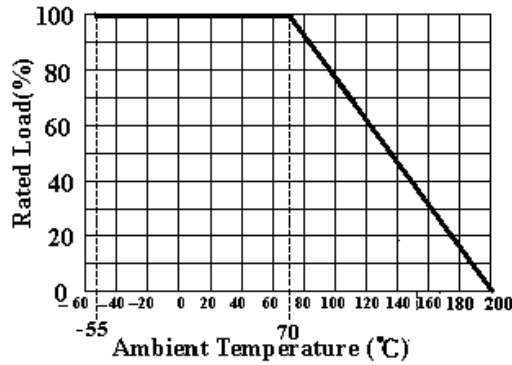
型名 TYPE	定格電力 POWER RATING	最高使用電壓 MAX. WORKING UOL.	最高過負荷電壓 MAX. OVERLOADUOL	Dielectric Withstanding voltage.	MAX. ANTI SURGE	使用溫度範圍 OPERATING TEMPRANGE
SURC1/2W	1/2W	200V	400V	500V	10KV	-40°C to +200°C
SURC-1W	1W	300V	600V	500V	14KV	
SURC-2W	2W	400V	800V	500V	18KV	
SURM1/2W	1/2W	200V	400V	500V	10KV	
SURM-1W	1W	300V	600V	500V	15KV	
SURM-2W	2W	400V	800V	500V	25KV	
SURM-3WS	3Ws	400V	800V	500V	26KV	

Resistance to anti surge : change shall be ±5% of the per-test values. 1sec. ON, 1second OFF,20,000 cycles.

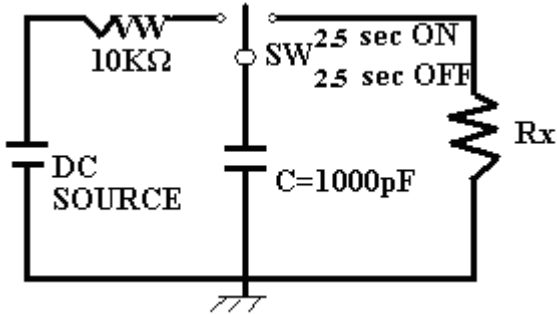
表面溫度上升曲線 surface temp.rise



POWER GRAPH



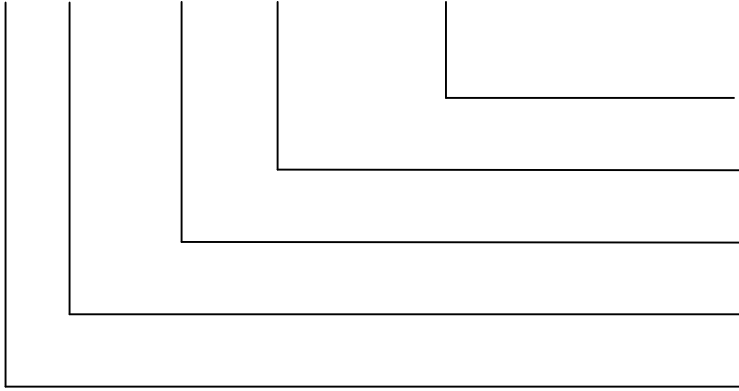
特性 PERFORMANCE SPECIFICATIONS

TEST ITEMS	Test Methods	SPECIFICATIONS
Short time overload	Rated Voltage X 2.5 or Max. overload Vol., whichever is lower, for 5sec.	$\pm(1.0\% + 0.05\Omega)$
TEMPERATURE COEFFICIENT(T.C.R.)	Resistance value at room Temperature and room Temperature+100°C	SURC < 10K = $\pm 300\text{ppm}$ SURM $\geq 10\text{K}$ = $\pm 200\text{ppm}$
Anti Surge characteristics (EN60065 TEST)	Discharge Test : 10KV 1000pf capacitor Discharge Pulse 50 time. (1 pulse / 5sec. max) 	SURx1/2W 3Ω~6Ω=10KV 7Ω~10Ω=7KV 11Ω~10KΩ=5KV 11KΩ~91KΩ=7KV > 92K = 10KV SURx1W = 10KV SURx2W = 10KV $\pm(20\% + 0.05\Omega)$
Resistance to soldering heat	260°C $\pm 5^\circ\text{C}$, 10s $\pm 1\text{s}$ or 350°C $\pm 10^\circ\text{C}$, 3.5s $\pm 0.5\text{s}$	$\pm(1.0\% + 0.05\Omega)$
Moisture resistance	40°C $\pm 2^\circ\text{C}$, 90%~95%RH, 1000h 90 min 【ON】 30 min 【OFF】	$\pm(5.0\% + 0.05\Omega)$
Terminal strength	Direct load for 10 sec. In the direction off the terminal leads.	Tensile: $\geq 2.5\text{kg}$
Load Life	SURC : 1000hours at rated voltage, 40°C 90 min 【ON】 30 min 【OFF】 SURM : 1000hours at rated voltage, 70°C 90 min 【ON】 30 min 【OFF】	$\pm(5.0\% + 0.05\Omega)$

Normal size----- Brown

I PART NUMBER:

SURC-1/2W - VALUE - J - FORMING TYPE



TB = BU / T/B / T/R / F / FC / FKK / M / MK / PANA-T or R

RES. TOLERANCE 5% / 10% / 20% = J / K / M

RESISTANCE 1R 10R 100R 1K 10K

DIN SIZE , BODY SIZE

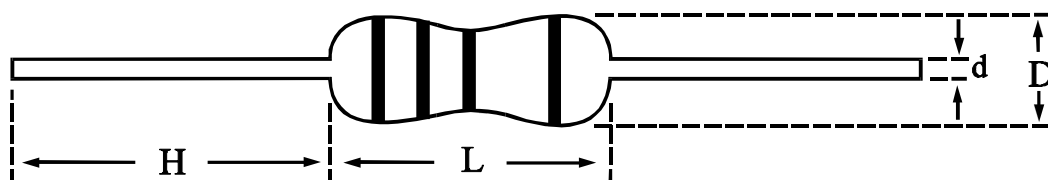
SURGE RESISTOR LOW VALUE

SURGE RESISTOR HI VALUE

塗裝絕緣型 SURGE 固定抵抗器 (SUR)

COAT-INSULATED FIXED ANTI-SURGE RESISTORS

外型圖 DIMENSIONS



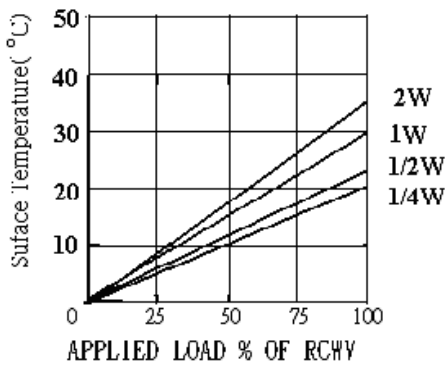
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定格 RATING

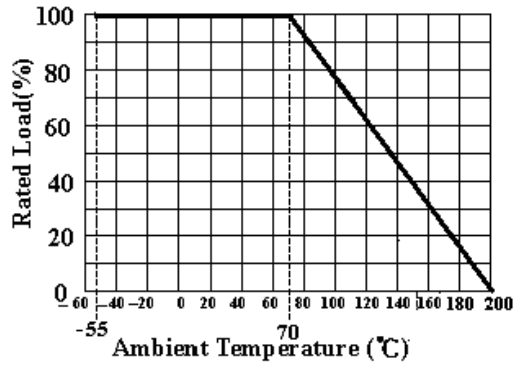
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SURM-3WS	3Ws	400V	800V	500V	26KV	

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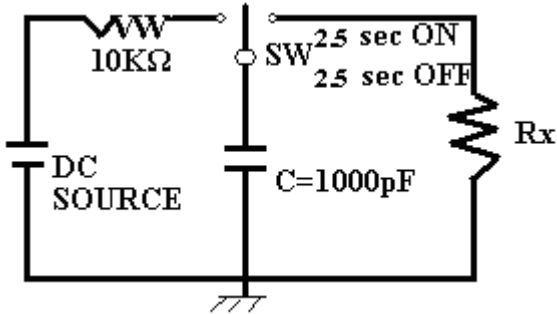
表面溫度上升曲線 surface temp.rise



POWER GRAPH



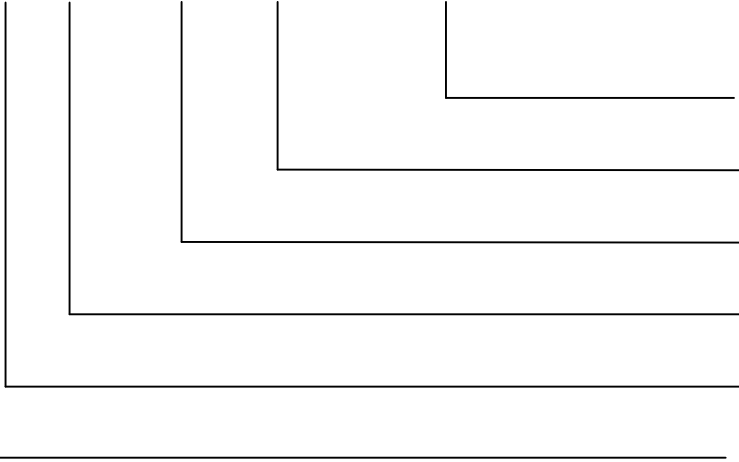
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