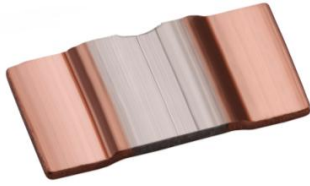


SMD Shunt Resistor

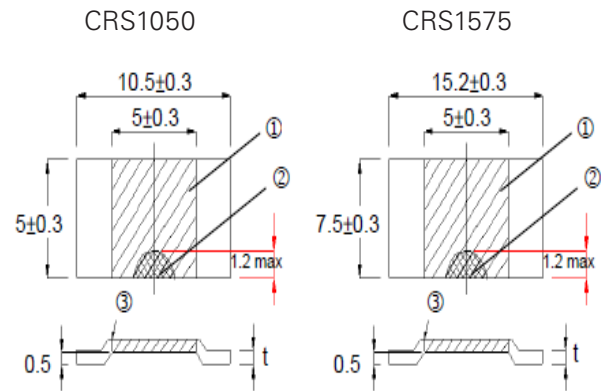
INTRODUCTION



Tolerance (Code):	$\pm 1\%$, $\pm 5\%$
Operating temperature:	-55°C to $+170^{\circ}\text{C}$
Overload:	5 times rated power for 5 seconds
Thermal shock:	$\pm 0.1\%$. -65°C , 25°C , 125°C , 25°C , 25 cycles
Load life:	$\pm 1\%$. 90min. "ON"; 30min "OFF" for 2000 hours
Moisture resistance:	$\pm 0.2\%$ 90~98%RH, $+25^{\circ}\text{C}$, $+65^{\circ}\text{C}$, -10°C , 10 cycles.
Resistance to Soldering Heat:	$\pm 0.2\%$ 350°C for 30 seconds or 250°C for 10min.
High Temperature Exposure:	$\pm 0.2\%$ 140°C for 250 hours
Vibration, High frequency:	$\pm 0.2\%$ 15g 10~2000Hz, 36 cycles
Inductance	$< 10\text{nH}$

DIMENSIONS

Size	Value	Material	Thickness (t)
1050	0.5m Ω	Manganin	0.88mm ± 0.1
1050	1m Ω	Manganin	0.43mm ± 0.1
1050	3m Ω	NiCr alloy	0.43mm ± 0.1
1575	0.2m Ω	Manganin	1.50mm ± 0.1
1575	0.5.m Ω	Manganin	0.56mm ± 0.1
1575	1m Ω	NiCr alloy	0.90mm ± 0.1
1575	3m Ω	NiCr alloy	0.30mm ± 0.1



1	Resistance material	2	Trimming Area	3	Electron Beam Welding
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