

SINLOON®

分流電阻(分路電阻)
High Power & High Current: 10W / 60A

Type: HSR Series
High Power Shunt Resistor

Feature (特性)

- ◆ Low ohm (3.4mΩ) High Current (60A).
低阻值(3.4mΩ), 大電流 (60A).
- ◆ The HSR Series is suitable for high power current detection.
HSR 系列適用於高功率的電流檢測及汽車工業.
- ◆ Pitches and heights adjustable according to mounting conditions.
可依使用要求兩端間距和高度可調制
- ◆ Ni alloy resistor, cover with heat resistive epoxy resin partly
鎳合金電阻器部分覆蓋環氧樹脂.
- ◆ Products with lead-free terminations meet EU RoHS requirement.
產品符歐盟RoHS要求環保條件.

Figure

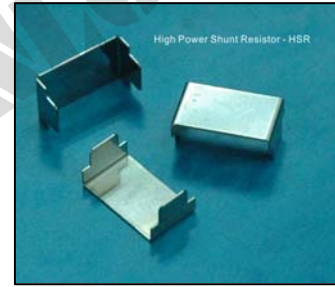


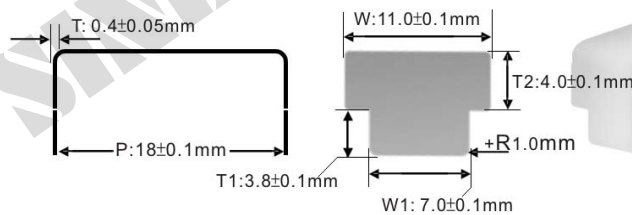
Fig-1
The product is custom-made only.

Ordering Information:

Example HSR10W3m4Jxx

Type	Resistance	Tolerance	Pitch (P)	Height (H)	Package
HSR10W	3m4	J: ±5%	X	X	Fistulous

Dimension:



Special dimensions request by customer are available. (特殊尺寸規格之設計圖紙由端戶提供)

Specification:

Parameter	Specification
Resistance	3.4mΩ (4 points measurement: Current and voltage measure on Fig-1)
Resistance Tolerance	±5%
Temperature coefficient of resistance	±50ppm/°C
Rated Load	10W
Maximum over current	60A (10 minutes maximum)
Operating temperature	-55°C ~ 155°C
Rated temperature	+70°C
maximum surface temperature	+275°C (under 150°C on terminal)

* Others data not in the specification of data, please contact us.

如果你要求的規格不在本規格書裡請與我們聯絡.

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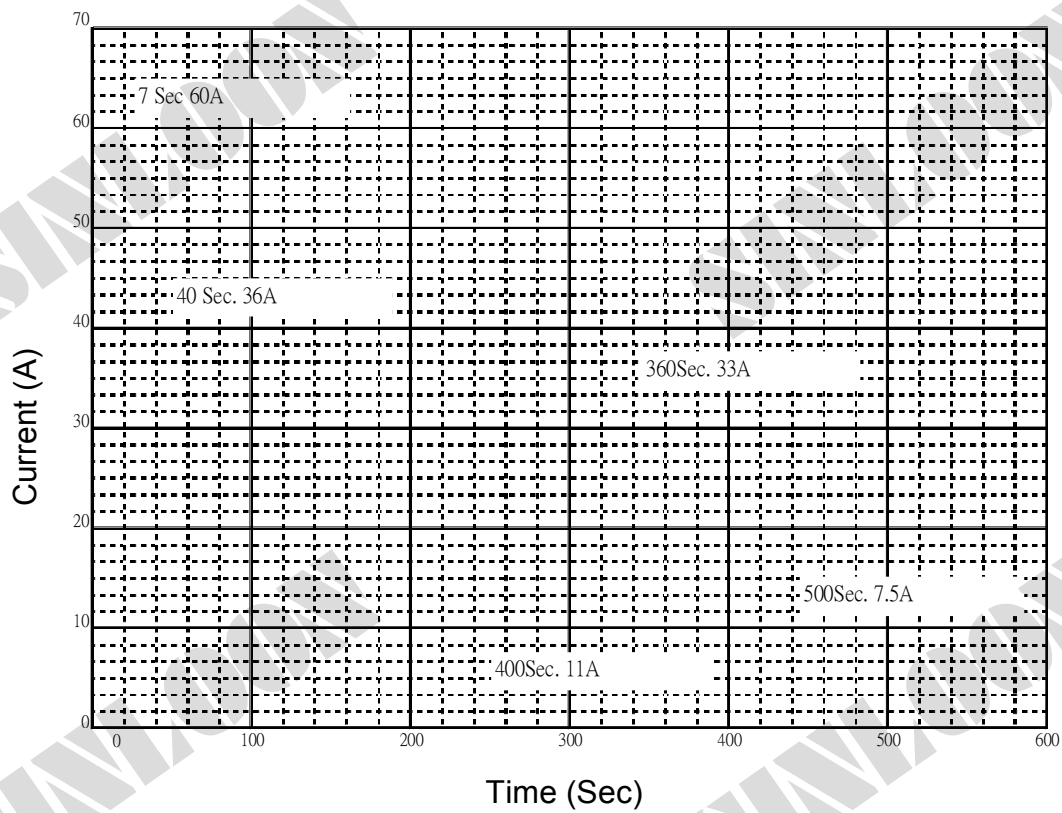
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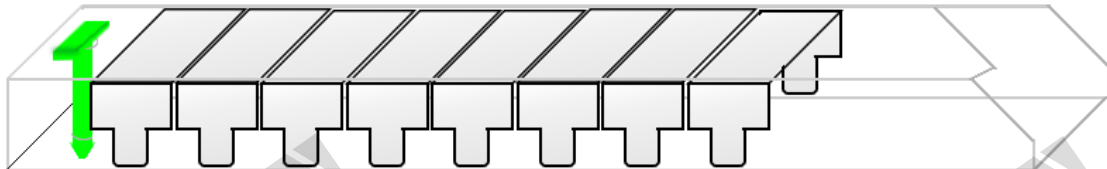
Performance:

Items	Condition	Specification
Rated Current	Continuous 36A with 60A/7sec. Maximum (Refer to Fig-2)	No. visual damaged Resistance changed $\leq \pm 2\%$
High temperature storage	Keep at 275°C for 2hrs and measured after 2hrs at Room tem	
Low temperature storage	Keep at -40°C for 96hrs and measured after 2hrs at Room ter	
Temperature cycle	[-40°C/30min \rightarrow R.T.10min \rightarrow +125°C/30min. R.T.10min] 300 continuous cycles	
Moisture	Keep at 80°C for 85%RH without load for 580 hrs.	
Load life	36A for 90min. Followed by pause of 30min at a temperature of 85°C, Cycles shall be repeated for 1000hrs	
Solder ability	Dipped into solder for 5 \pm 0.5sec at 245 \pm 5°C	A new solder shall cover minimum of 90%



Package:

Fistulous (管狀)



※ 美隆電子產品規格特性參數的改變和更新,不會另行通知。

※ Mayloon characteristic parameters of electronic product specification changes or updates without prior notice。