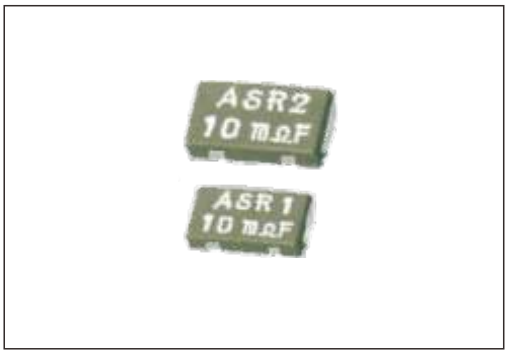
ASR Plastic-encased Precision Chip Shunts



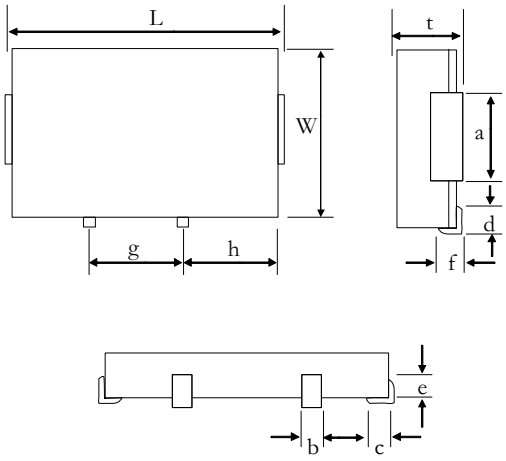
Features

Ⅰ Chip-style construction with current terminal and voltage terminal
Ⅱ Super-low value and high precision
Ⅲ No change in value when welding the resistor on the circuit board,even for the tolerance F:±1.0% D:±0.5%
Ⅳ TCR≤ ±50ppm /℃
Ⅴ Appropriate to reflow soldering, flow soldering and iron soldering

Applications

Ⅰ Electric bicycle
Ⅱ Robot

Dimensions



Type	Dimensions(mm)					
	L±0.5	W±0.3	t±0.2	a±0.3	b±0.2	c±0.5
ASR1	10.8	6.2	2.1	3.0	0.8	1.4
ASR2	12.8	8.2	3.1	5.0	1.0	2.0

Type	Dimensions(mm)					Weigh(g) 1000pcs
	d±0.5	e±0.3	f±0.3	g±0.1	h±0.1	
ASR1	1.2	1.3	1.3	5.0	2.5	320
ASR2	2.0	2.2	2.2	6.0	3.0	690

Ordering Information

Example:

ASR	1	D	5mΩ	50ppm/℃
(1)	(2)	(3)	(4)	(5)
Series Name	Style	Resistance Tolerance	Resistance	T.C.R

(1)Type: ASR SERIES
(2)Style: ASR1,ASR2
(3)Tolerance:D=±0.5%,F=±1%
(4)Resistance Value:5mR=5mΩ
(5)T.C.R:±50ppmppm/℃

Reference Standards

JISC 5201-1

Applications And Ratings

Type	Power(W)	T.C.R(ppm/℃)	Resistance Range	Withstand Voltage	Resistance Tolerance(%)	Temperature Range
ASR1	1W	±50	5mΩ~50mΩ	500V	±1.0% ±0.5%	-55℃~+125℃
ASR2	2W					