Current Detecting Plate Chip Resistor

■Feature

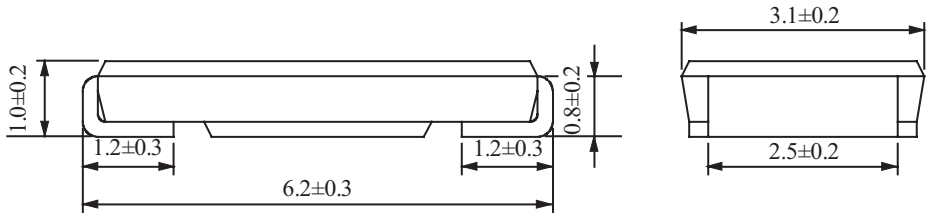


Model No. "LPZ" is the miniaturized metal plate chip resistors.
High precision has been made possible by using our original trimming method.
It is achieved to have good electrical characteristics by using a special metallic material for the resistor.
Excellent accuracy for current detection, by measure against thermoelectric power. (Applicable for resistance ≦80mΩ)

■Characteristics

Item	Specification	
Resistance Range	3mΩ～100mΩ	
Tolerance	Resistance Range	
	F(±1.0%)	3mΩ～100mΩ
	G(±2.0%)	3mΩ～ 9mΩ
T.C.R.	±100ppm/℃	10mΩ～100mΩ
	±180ppm/℃	5mΩ～ 9mΩ
	±300ppm/℃	3mΩ～ 4mΩ
Power Rating	1W	
Operating Temp Range	-55℃～+180℃	
Rating Ambient Temp.	+70℃	

■Dimensions



■Model Designation

LPZ ① 1 ② R020 ③ F ④ E ⑤

		Symbol	Meaning
①	Model No.	LPZ	CURRENT DETECTING PLATE CHIP RESISTOR
②	Power Rating	1	1W
③	Resistance	R005 ～ R100	5mΩ ～ 100mΩ
④	Tolerance	F	±1.0%
		G	±2.0%
⑤	Packaging	E	Embossed Taping

Specifications are subject to change without notice.