

Using breakthrough technology,
we aim for products that will create new markets.

New Product News

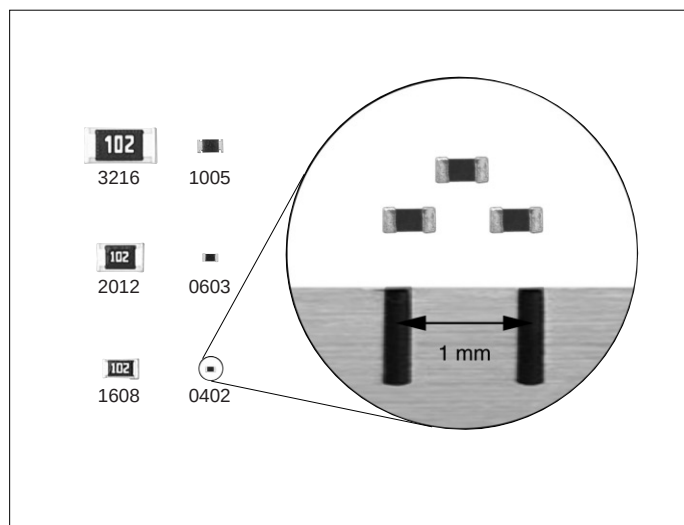
The industry's smallest size

Thick Film Chip Resistor

0402(01005) Size
Thick Film Chip Resistor

Industry/Field: Module, Mobile communications

It reduces the mounting occupation area by the industry's smallest size.



• Development Target:

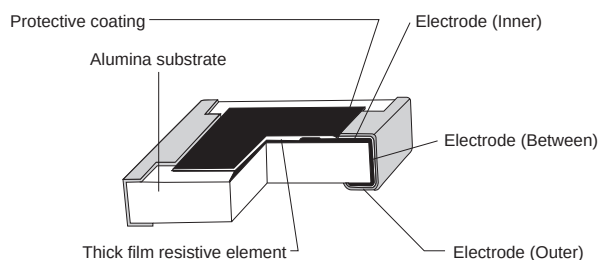
The module for small communication equipment

• Features:

- 1 Contributes to the reduction in the mounting occupation area.
- 2 Enables narrow pitch mounting by accuracy size.
- 3 Achieved high reliability with metal graze resistive element.

• Number of industrial property rights: 12(Pending)

• Construction:



• Characteristics/specifications:

Series	ERJXGE Series
Dimension	L 0.4mm×W 0.2mm×t 0.13mm
Resistance Range	10Ω to 1MΩ
Resistance Tolerance	±5%
Power Rating (70°C)	0.031W
Limiting Element Voltage (Max.RCWV)	15V
Max. Overload Voltage	30V
T.C.R.	10Ω to 91Ω:±300×10 ⁻⁶ /°C 100Ω to 1MΩ:±200×10 ⁻⁶ /°C
Category Temp.Range (Operating Temp. Range)	-55°C to +125°C

• Applications/usage examples:

- The small modules;VCO(Voltage Controlled Oscillators),PA(Power Amp) etc.

• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10	11	
E	R	J	X	G	E	J	1	0	2	Y	
Thick Film Chip Resistors			Power Rating 0.031W			Resistance Tolerance		Resistance Value			Package