

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

New Product News

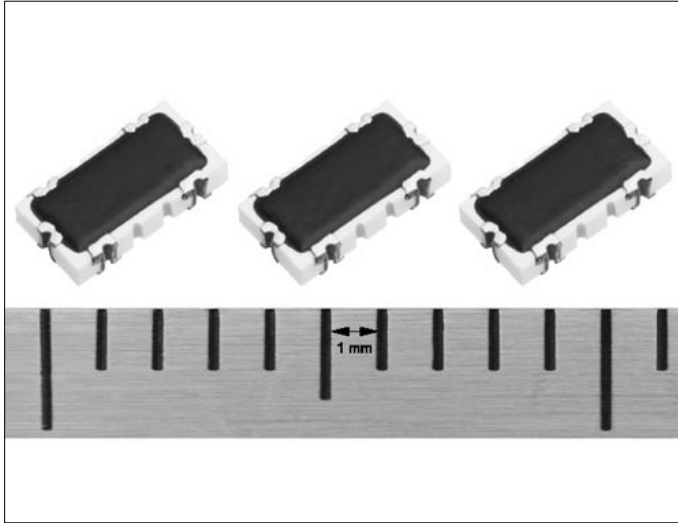
Expansion of variety of product (Chip jumper for a crossing part in high frequency circuits)

Thick-film chip resistor

3216(1206) chip RF jumper

Industry/Field: Audio and visual, Office/information,
Mobile communications, Automotive electronics

Reduction of the number of layers of printed wiring boards contributes to reducing costs



• Development Target:

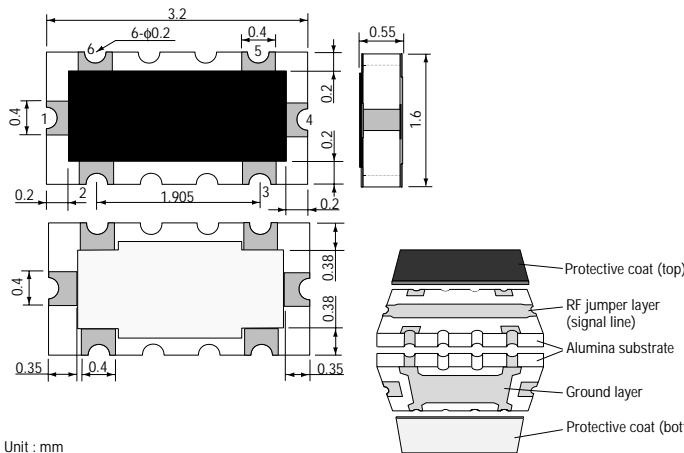
In the design of a high frequency circuit, using the chip RF jumper with a double-sided board, it can realize the superior isolation characteristic between the signal lines, and can reduce the number of layers of a printed wiring board. Thereby it contributes to reducing cost of equipment (The two layers of the printed wiring boards in total are reduced by combining the RF jumper with the double-sided printed wiring boards.).

• Features:

- ➊ Reduction of the number of layers of printed wiring boards contributes to reducing costs
- ➋ Excellent isolation characteristics between the two signal lines
- ➌ Better impedance-matching characteristics

• Number of industrial property rights: 1

• Construction:



• Characteristics/specifications:

Item	Specifications
Part Number	EXBD6JP00A
Size (L × W × t)	3.2 mm × 1.6 mm × 0.55 mm
Characteristics impedance	50 Ω
Isolation	≥ 40 dB
Return loss	≥ 20 dB
Insertion loss	≤ 0.5 dB
Rated current	1 A
Category temperature range	-55 °C to 125 °C

* Measuring frequency: 2.5GHz

• Applications/usage examples:

- General electronic equipment (jumper applications in high frequency circuits including LNB and tuner circuits)

• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10	11
E	X	B	D	6	J	P	0	0	0	A
Network circuit		3216 (1206) size			Circuit configuration: RF jumper circuit					
					Number of terminal: 6 terminals			Characteristics impedance: 50Ω		

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