Resistors

Chip type attenuator (π type)
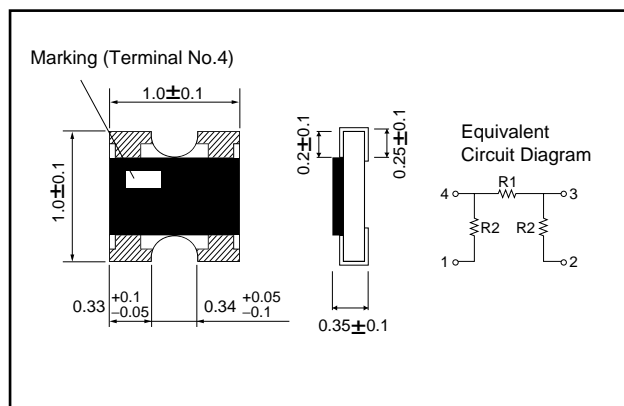## RCN02

●**Features**
1) Compare with single type
2) Guarantee the attenuation
(±0.3db, ±0.5db)
3) Mounting area 50% less
4) Big reduction for mounting cost
   (3 times → Once)

●**Quick reference**

The design and specifications are subject to change without prior notice. Before ordering or using, please check the latest technical specifications.

Part No.	Size code	No. of terminals	No. of elements	Rated power (70°C)	Impedance	Voltage standing wave ratio	Operating temperature range (°C)
RCN02	1010 (0404)	4	3	0.04W / package	50Ω	MAX 1.3	−55 to +125

●**External dimensions** (Unit: mm)

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●**Product designation**

| R | C | N | 0 | 2 | M | 1 | P | P | E | A | 3 | 5 | 0 | 0 | 3 |

Part No.

Circuit

Code	Specification
PPE	π Circuit

Packaging Specifications Code

Part No.	Packaging specifications	Reel	Basic ordering unit (pcs)
M1	Paper tape (2mm Pitch)	φ180mm (7in.)	10,000

Reel (φ180mm) : Compatible with JEITA standard "EIAJ ET-7200B"

Attenuation, Attenuation limitation

Code	Attenuation	Limitation
A3 5001	1dB	±0.3dB
A3 5002	2dB	
A3 5003	3dB	
A3 5004	4dB	
A3 5005	5dB	
A5 5006	6dB	±0.5dB
A5 5007	7dB	
A5 5008	8dB	
A5 5009	9dB	
A5 50010	10dB	
A8 50011	11dB	±0.8dB
A8 50012	12dB	
A8 50013	13dB	
B5 50014	14dB	±1.5dB
B5 50015	15dB	
B5 50016	16dB	
C0 50017	17dB	±2.0dB
C0 50018	18dB	
C0 50019	19dB	
C5 50019	20dB	±2.5dB

●**Packaging**

Reel	Taping

EIAJ ET-7200B compliant

(Unit : mm)

A	B	C	D
φ180 $^{0}_{-1.5}$	φ60 $^{+1}_{0}$	9 $^{+1.0}_{0}$	φ13±0.2

Heat crimp cover / Tape

Thick paper mount (Underside paper tape)

Chip attenuator

Square punchout hole

Feeding direction

(Unit : mm)

W	F	E	A0	B0
8.0±0.3	3.5±0.05	1.75±0.1	1.17±0.1	1.17±0.1

D0	P0	P1	P2	T2
φ1.5 $^{+0.1}_{0}$	4.0±0.1	2.0±0.1	2.0±0.05	Max. 0.5

Caution : Insertion direction of device to carrier tape.
Marking is on the left bottom side of the cavity to the feeding direction.

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