Chip type attenuator (π type)

RCN02

●Features

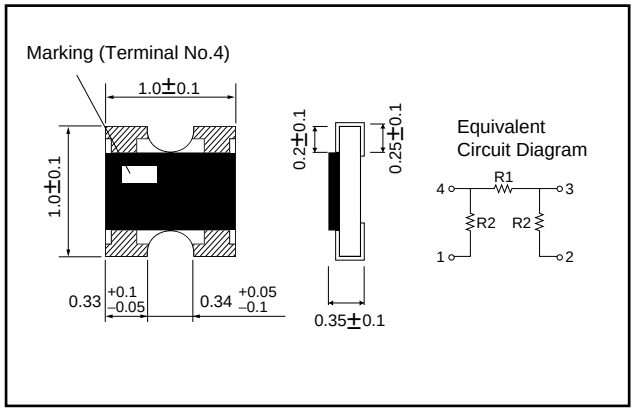
1) Compare with single type
2) Guarantee the attenuation
(±0.3db, ±0.5db)
3) Mounting area 50% less
4) Big reduction for mounting cost
(3 times → Once)

●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)



●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

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

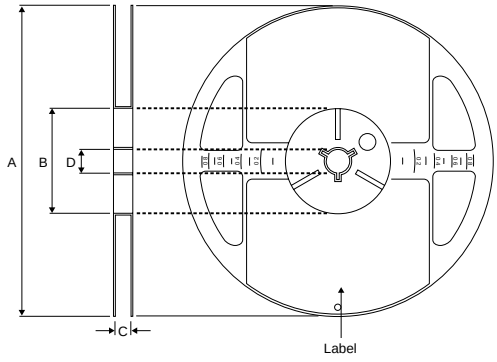
Packaging Specifications Code

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"

●Packaging

Reel

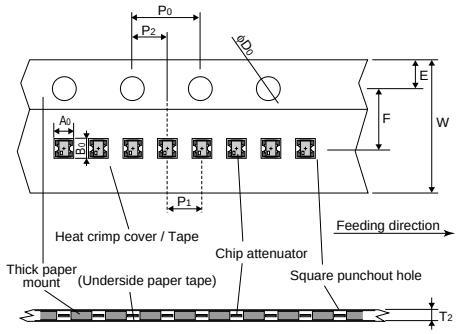


EIAJ ET-7200B compliant

(Unit : mm)

A	B	C	D
$\phi 180^{\ 0}_{-1.5}$	$\phi 60^{+1}_{\ 0}$	$9^{+1.0}_{\ 0}$	ϕ13±0.2

Taping



(Unit : mm)

W	F	E	A_0	B_0
8.0±0.3	3.5±0.05	1.75±0.1	1.17±0.1	1.17±0.1
D_0	P_0	P_1	P_2	T_2
$\phi 1.5^{+0.1}_{\ 0}$	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.

Notes

- No technical content pages of this document may be reproduced in any form or transmitted by any means without prior permission of ROHM CO.,LTD.
- The contents described herein are subject to change without notice. The specifications for the product described in this document are for reference only. Upon actual use, therefore, please request that specifications to be separately delivered.
- Application circuit diagrams and circuit constants contained herein are shown as examples of standard use and operation. Please pay careful attention to the peripheral conditions when designing circuits and deciding upon circuit constants in the set.
- Any data, including, but not limited to application circuit diagrams information, described herein are intended only as illustrations of such devices and not as the specifications for such devices. ROHM CO.,LTD. disclaims any warranty that any use of such devices shall be free from infringement of any third party's intellectual property rights or other proprietary rights, and further, assumes no liability of whatsoever nature in the event of any such infringement, or arising from or connected with or related to the use of such devices.
- Upon the sale of any such devices, other than for buyer's right to use such devices itself, resell or otherwise dispose of the same, no express or implied right or license to practice or commercially exploit any intellectual property rights or other proprietary rights owned or controlled by
- ROHM CO., LTD. is granted to any such buyer.
- Products listed in this document are no antiradiation design.

The products listed in this document are designed to be used with ordinary electronic equipment or devices (such as audio visual equipment, office-automation equipment, communications devices, electrical appliances and electronic toys).
Should you intend to use these products with equipment or devices which require an extremely high level of reliability and the malfunction of with would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), please be sure to consult with our sales representative in advance.

About Export Control Order in Japan

Products described herein are the objects of controlled goods in Annex 1 (Item 16) of Export Trade Control Order in Japan.
In case of export from Japan, please confirm if it applies to "objective" criteria or an "informed" (by MITI clause) on the basis of "catch all controls for Non-Proliferation of Weapons of Mass Destruction.