

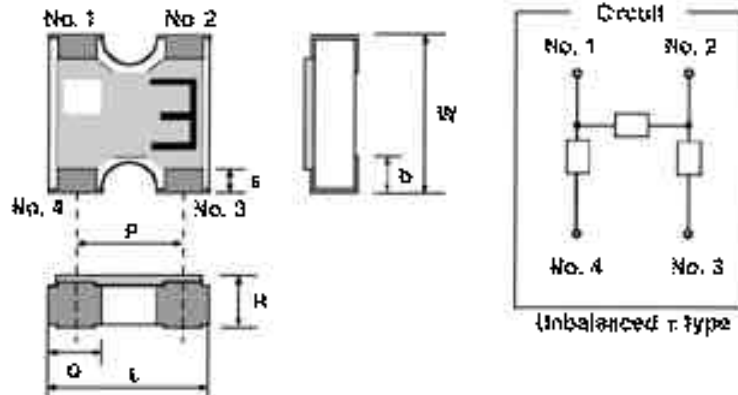


Metuchen Capacitors, Inc.
Toll Free 1-888-535-1535 • 732-679-3366
1-800-679-9959/Fax
www.metcaps.com

**"We Offer Quick
Solutions to
Noise Pollution"**

Chip Attenuators

Dimensions and Circuits



Unit: mm

Style	L	W	H	Q ※	a	d	P ※
RAC10 1A	1.0 ± 0.1	1.0 ± 0.1	0.35 ± 0.05	0.33	0.15 ± 0.10	0.25 ^{+0.05} _{-0.10}	0.65

※ Value for reference

Ratings

Style	RAC10 1A				
Characteristics Impedance [W]	50				
Rated Input Power	100mW / Package				
Frequency Range	DC t 3GHz				
Attenuation Factor [dB]	0.5	1 to 5	6 to 10	11 to 16	20
Attenuation Factor Tolerance[dB]	±0.1	±0.3	±0.4	±0.8	±2.5
Voltage Standing Wave Ratio	1.1 MAX	DC ≤ f ≤ 1.5GHz 1.5GHz < f ≤ 3.0GHz		1.2 MAX 1.3 MAX	1.3 MAX
Operating Temperature Range [°C]	-40 to +125				

Parts Number System

EXAMPLE

Product Type RAC **Size (Width)** 10 **Characteristic Impedance** 1 **Circuit** A **Attenuation Factor** 1 **030** **C** **TH** **Packaging**
B — Bulk (Loose Package)
TH — Paper Tape
Termination Type
C — Type With corner
Attenuation Factor Tolerance
010 — ±0.1dB 080 — ±0.8dB
030 — ±0.3dB 250 — ±2.5dB
040 — ±0.4dB

X	1	2	3	4	5	6	7	8	9	A
0.5dB	1dB	2dB	3dB	4dB	5dB	6dB	7dB	8dB	9dB	10dB
B	C	D	E	F	G	L				
11dB	12dB	13dB	14dB	15dB	16dB	20dB				



Metuchen Capacitors, Inc.

135 White Oak Lane • Post Office Box 499 • Old Bridge, New Jersey 08857



For your convenience
we welcome credit
card purchases