



	DATASHEET	Part No.
	Multilayer ceramic capacitor	ACX01X10N104MNDC

CUSTOMER :

DATA SHEET

Product name	: Multilayer ceramic capacitor
Part number	: ACX01X10N104MNDC
Features	: 0201inch / 0603mm, 0.1uF, ±20%, X5R, DC 10V
Revision date	: 2020/08/04

	Address : 380, NAMDONGSEO-RO, NAMDONG-GU INCHEON, 21629 KOREA (AMOTECH. CO., LTD)
	Contact : TEL) 82-32-821-0363, FAX) 82-32-811-0283

	DATASHEET	Part No.
	Multilayer ceramic capacitor	ACX01X10N104MNDC

1. Part descriptions :

1.1 Feature :

- 0201inch / 0603mm size
- Wide range of capacitance and voltage
- Highly reliable performance
- Tape & Reel for surface mount assembly
- Stable temperature dependence of capacitance
- RoHS compliance, Halogen free

1.2. Applications :

- General electronic circuit
- General power supply circuit (SMPS etc.)
- DC-DC converter

1.3. Circuit Applications :

- Coupling & Decoupling
- Filtering
- Bypass and DC Blocking

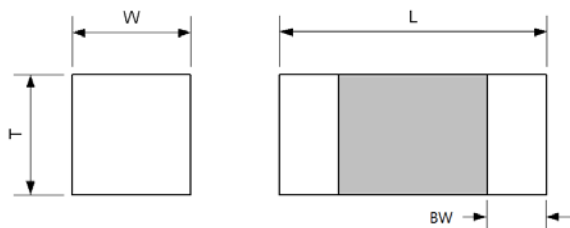
2. Specifications

2.1 Electrical characteristics

Part number	ACX01X10N104MNDC (Consumer)
Material	X5R
Rated voltage (Vdc) [V]	10
Capacitance [μF] @1kHz, 0.5Vrms	0.1 ($\pm 20\%$)
Dissipation factor [%] @1kHz, 0.5Vrms	10% Max.
Insulation resistance [$\Omega \cdot$F] @Vdc	50 min.
Operating temperature [$^{\circ}$C]	-55 ~ +85

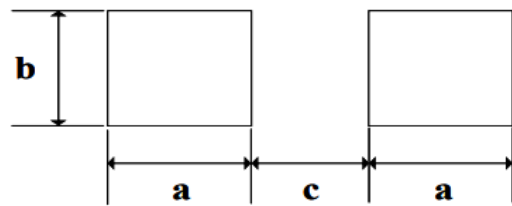
2.2 Mechanical dimension and solder pad

■ Mechanical dimension



	L	W	T	BW
Size	0.6	0.3	0.3	0.15
(mm)	± 0.03	± 0.03	± 0.03	± 0.05

■ Recommended solder pad



	a	b	c
Size	0.25	0.3	0.25
(mm)	± 0.05	± 0.05	± 0.05

※ Note: Please contact local sales if you want to order low profile products or some special products are excluded from this data sheet.

2.3. Typical performance data

