

	<b>DATASHEET</b>	<b>Part No.</b>
	<b>Multi-layer ceramic capacitor</b>	<b>ACC20H1CN602JNLA</b>

CUSTOMER :

# DATA SHEET

<b>Product name</b>	<b>: Multi-layer ceramic capacitor</b>
<b>Part number</b>	<b>: ACC20H1CN602JNLA</b>
<b>Features</b>	<b>: 2220inch / 5750mm, 6nF, ±5%, COG, DC 1kV</b>
<b>Revision date</b>	<b>: 2020/10/05</b>

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	<b>DATASHEET</b>	<b>Part No.</b>
	<b>Multi-layer ceramic capacitor</b>	<b>ACC20H1CN602JNLA</b>

## 1. Part descriptions :

### 1.1 Feature :

- 2220inch / 5750mm size
- Highly reliable performance
- Stable temperature dependence of capacitance
- RoHS compliance, Halogen free
- AEC-Q200 compliant

### 1.2. Applications :

- Automotive powertrain
- Industry Power Systems
- Higher reliability applications

### 1.3. Circuit Applications :

- Filtering
- Resonant circuit
- Snubber

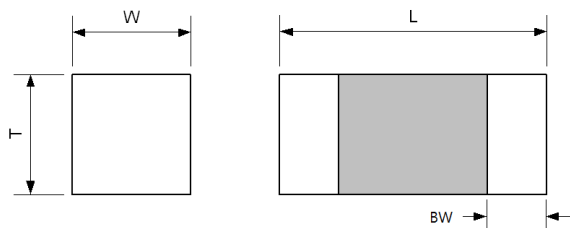
## 2. Specifications

### 2.1 Electrical characteristics

<b>Part number</b>	ACC20H1CN602JNLA (Auto.)
<b>Material</b>	COG
<b>Rated voltage(Vdc) [V]</b>	1000
<b>Capacitance[nF] @1kHz, 1Vrms</b>	6 (±5%)
<b>Dissipation factor @1kHz, 1Vrms</b>	0.1%
<b>Insulation resistance[Ω*F] @Vdc</b>	100 GΩ
<b>Operating temperature[°C]</b>	-55 ~ +175

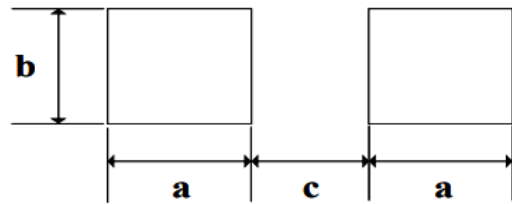
### 2.2 Mechanical dimension and solder pad

#### ■ Mechanical dimension



	L	W	T	BW
Size	5.70	5.0	1.6	
(mm)	±0.40	±0.40	±0.2	0.3min

#### ■ Recommended solder pad



	a	b	c
Size	1.75	5.6	4.5
(mm)			

※ 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**

