

ABCO Bead COMPONENTS

EDMC201209-GK Series



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EDMC201209-GK Series



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▣ Features

1. This specification applies to MULTILAYER FERRITE CHIP BEADS
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

▣ Ordering Code

| | | | | | | | |
|------|--------|---|---|-----|---|---|----|
| EDMC | 201209 | T | - | 600 | Y | - | GK |
| ① | ② | ③ | | ④ | ⑤ | | ⑥ |

| | |
|--------|--|
| ① Type | |
| EDMC | |

| | |
|-----------------------------------|--|
| ② Dimensions(mm) | |
| 201209 : 2.0(L) × 1.2(W) × 0.9(T) | |

| | |
|-----------|--------|
| ③ Packing | |
| T | TAPING |

| | |
|----------------|------|
| ④ Impedance(Ω) | |
| 600 | 60 |
| 121 | 120 |
| 102 | 1000 |

| | |
|-------------|--|
| ⑤ Tolerance | |
| Y : ±25% | |

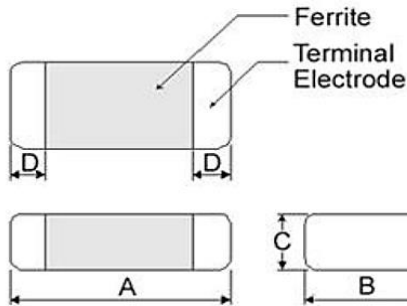
| | |
|-----------------|--|
| ⑥ Internal Code | |
| GK | |

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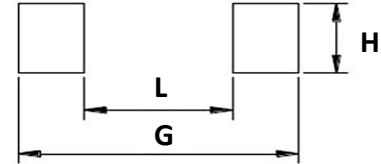


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■ Shapes and Dimensions



■ Recommended PC Board Pattern



| Series | A(mm) | B(mm) | C(mm) | D(mm) |
|---------------|---------|-----------|---------|---------|
| EDMC201209-GK | 2.0±0.2 | 1.25±0.20 | 0.9±0.2 | 0.5±0.3 |

| L(mm) | G(mm) | H(mm) |
|---------|---------|---------|
| 1.0~1.2 | 2.6~4.0 | 1.0~1.4 |

■ Electrical Characteristics

| Part Number | Impedance ($\Omega \pm 25\%$) | Test Frequency (MHz) | RDC (Ω) Max. | Rated Current(mA) |
|---------------------|------------------------------------|-------------------------|-----------------------------|------------------------------------|
| | | | | $\Delta T = 30^\circ\text{C}$ Max. |
| EDMC201209T-600Y-GK | 60 | 100 | 0.10 | 900 |
| EDMC201209T-600Y-GK | 120 | 100 | 0.15 | 800 |
| EDMC201209T-600Y-GK | 220 | 100 | 0.18 | 750 |
| EDMC201209T-600Y-GK | 300 | 100 | 0.18 | 700 |
| EDMC201209T-600Y-GK | 600 | 100 | 0.25 | 500 |
| EDMC201209T-600Y-GK | 1000 | 100 | 0.30 | 400 |
| EDMC201209T-600Y-GK | 1500 | 100 | 0.40 | 400 |
| EDMC201209T-600Y-GK | 2000 | 100 | 0.55 | 400 |

1. Testing Instrument

- Impedance : HP4291A
- RDC :HP4338B or CHEN HWA 502

2. Rate Current : Applied the current to coils, the temperature rise shall not be more than 30°C

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Graph

