

ABCO Bead COMPONENTS

AEC-Q200

EDMC321611-ABK Series



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ABCO ELECTRONICS CO., LTD.

■ Features

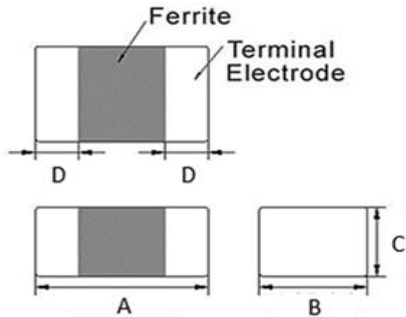
1. This specification applies to Multilayer Chip ferrite Bead for Automotive Electronics based on AEC-Q200 except for Power train and Safety.
2. Operating temperature -55°C ~ +125°C. (Including self - temperature rise)

■ Ordering Code

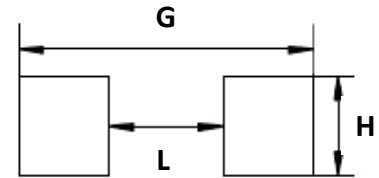
| | | | | | | | |
|-------------|---------------|----------|---|------------|----------|---|------------|
| EDMC | 321611 | T | - | 121 | Y | - | ABK |
| ① | ② | ③ | | ④ | ⑤ | | ⑥ |

| | | |
|----------------|-----------------------------------|-----------------|
| ① Type | ② Dimensions(mm) | ③ Packing |
| EDMC | 321611 : 3.2(L) × 1.6(W) × 1.1(T) | T TAPING |
| ④ Impedance(Ω) | ⑤ Tolerance | ⑥ Internal Code |
| 121 120 | Y : ±25% | ABK |

■ Shapes and Dimensions



■ Recommended PC Board Pattern



| Series | A(mm) | B(mm) | C(mm) | D(mm) |
|----------------|---------|---------|---------|---------|
| EDMC321611-ABK | 3.2±0.2 | 1.6±0.2 | 1.1±0.2 | 0.5±0.3 |

| L(mm) | G(mm) | H(mm) |
|-------|---------|-------|
| 2.0 | 4.2~5.2 | 1.2 |

■ Electrical Characteristics

| Part Number | Impedance ($\Omega \pm 25\%$) | Test Freq. | RDC(Ω) Max. | Rated Current(mA) |
|----------------------|------------------------------------|---------------|-------------------------|------------------------------------|
| | | | | $\Delta T = 30^\circ\text{C}$ Max. |
| EDMC321611T-121Y-ABK | 120 | 100MHz, 200mV | 0.15 | 500 |
| EDMC321611T-121Y-ABK | 220 | 100MHz, 200mV | 0.20 | 400 |
| EDMC321611T-121Y-ABK | 300 | 100MHz, 200mV | 0.20 | 400 |
| EDMC321611T-121Y-ABK | 600 | 100MHz, 200mV | 0.30 | 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

■ Graph

