

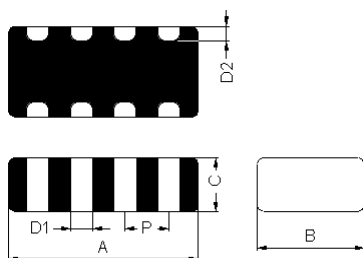
1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solder ability and heat resistance.
8. High reliability.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
10. Operating Temperature:-55~+125°C (Including self-temperature rise)



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of
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2. Dimensions



| Chip Size | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Size | A(mm) | B(mm) | C(mm) | D1(mm) | D2(mm) | P(mm) |
| 3216 | 3.20±0.20 | 1.60±0.20 | 0.90±0.20 | 0.40±0.15 | 0.30±0.10 | 0.80±0.10 |

3. Part Numbering



- A: Series
 B: Dimension L x W
 C: Material Lead Free Material
 D: Impedance 300=30Ω
 E: Packaging T=Taping and Reel , B=Bulk(Bags)
 F: Rated Current 05=500mA

4. Specification

| Tai-Tech Part Number | Impedance (Ω) | Test Frequency (MHz) | DC Resistance (Ω) max. | Rated Current (mA) max. |
|----------------------|---------------|----------------------|------------------------|-------------------------|
| FCA3216KF4-300T05 | 30±25% | 100 | 0.20 | 500 |
| FCA3216KF4-600T04 | 60±25% | 100 | 0.25 | 400 |
| FCA3216KF4-121T03 | 120±25% | 100 | 0.30 | 350 |
| FCA3216KF4-301T02 | 300±25% | 100 | 0.40 | 250 |
| FCA3216KF4-601T02 | 600±25% | 100 | 0.50 | 200 |
| FCA3216KF4-102T01 | 1000±25% | 100 | 0.75 | 150 |
| FCA3216MF4-300T04 | 30±25% | 100 | 0.25 | 400 |
| FCA3216MF4-600T03 | 60±25% | 100 | 0.30 | 300 |
| FCA3216MF4-121T02 | 120±25% | 100 | 0.40 | 250 |
| FCA3216MF4-301T02 | 300±25% | 100 | 0.50 | 200 |

- Rated current: based on temperature rise test
- In compliance with EIA 595

Impedance Frequency Characteristics(Typical)

