### Multilayer Bead Arrays

**MLBA20**

- **Features**
  - Surface mount EMI components
  - Four lines in one chip for suppressing noise
  - Low profile
  - High density circuit design

#### Electrical

- **Inductance Range:** 30ohm ~ 1000ohm
- **Tolerance:** 25% over entire range, tighter tolerances available.
- **Operating Temp:** -55ºC ~ +125ºC
- **Rated Current:** Based on temp rise not to exceed 30ºC.

#### Resistance to Soldering Heat

- Pre-Heat 150ºC, 1 Min.
- **Solder Composition:** Sn/Ag3.0/Cu0.5
- **Solder Temp:** 260ºC +/- 5ºC for 10 sec ± 1 sec.

#### Test Equipment

- **(Z):** HP4291A RF IMPEDANCE/MATERIAL ANALYZER
- **(RDC):** CHEN HWA 502BC

#### Physical

- **Packaging:** 3000 pieces per 7 inch reel.
- **Marking:** None

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### Specifications

| Allied Part Number | Impedance (Ω|±25%) | Tolerance (%) | Test Freq. MHz, 200mV | DCR Max. (Ω) | Rated Current (mA)Max |
|--------------------|-------------|---------------|-----------------------|--------------|-----------------------|
| MLBA20-300T-RC     | 30          | 25            | 100                   | .20          | 500                   |
| MLBA20-600T-RC     | 60          | 25            | 100                   | .25          | 400                   |
| MLBA20-121T-RC     | 120         | 25            | 100                   | .30          | 350                   |
| MLBA20-301T-RC     | 300         | 25            | 100                   | .40          | 250                   |
| MLBA20-601T-RC     | 600         | 25            | 100                   | .50          | 200                   |
| MLBA20-102T-RC     | 1000        | 25            | 100                   | .75          | 150                   |

All specifications subject to change without notice.