### ATC Multilayer Ceramic Chip Capacitors

**ATC 600 SERIES ULTRA-LOW ESR, HIGH Q, NPO RF AND MICROWAVE CAPACITORS (CONT.)**

**Features:**
- Lowest ESR in class
- Laser Marking (option)
- High Self Resonance Frequencies
- Matching Networks
- Tuning, Coupling, Biasing and DC Blocking

**Applications:**
- Cellular Base Stations
- Wireless Communications
- Broadband Wireless Services
- Satellite communications
- WiMAX (802.16)

<table>
<thead>
<tr>
<th>STK No.</th>
<th>Description</th>
<th>Value (pF)</th>
<th>Tol.</th>
<th>Price Each</th>
<th>Reel Qty.</th>
<th>Price Per Piece</th>
</tr>
</thead>
<tbody>
<tr>
<td>600S808F0T250XT</td>
<td>0603 Case Size - 250V</td>
<td>1%</td>
<td>1.1</td>
<td>6.25</td>
<td>600 1 10 100</td>
<td></td>
</tr>
<tr>
<td>600S808G0T250XT</td>
<td>0603 Case Size - 250V</td>
<td>2%</td>
<td>1.1</td>
<td>6.25</td>
<td>600 1 10 100</td>
<td></td>
</tr>
</tbody>
</table>

** Specifications:**
- **Case Size:** 0603
- **Temperature Range:** -55°C to +125°C
- **Applications:**
  - High Frequency Filter Networks
  - Combines
  - Coupling
  - Matching Networks
  - Output, Antenna coupling
  - DC Blocking and Bypassing

---

### 800 SERIES NPO CERAMIC, HIGH RF POWER ULTRA-LOW ESR MULTILAYER CAPACITORS

**Features:**
- Rugged, reliable NPO dielectric
- Capable of highest self resonant frequency
- Lowest ESR
- Capable of highest RF Power

**Applications:**
- UHF and Microwave Communications Systems
- Wireless Communications
- Public Safety Radio

**Specifications:**
- **Case Size:** 0603
- **Temperature Range:** -55°C to +125°C
- **Applications:**
  - High RF Power Filter Networks
  - Output, Antenna coupling
  - DC Blocking and Bypassing

---

### 550 SERIES UBC ULTRA-BROADBAND CAPACITORS

**Features:**
- Orientation Insensitive
- One Piece Construction
- Ultra low insertion loss
- Excellent return loss

**Applications:**
- Unit to unit performance repeatability
- Rugged ceramic construction
- Operating temp. range: -55°C to +125°C

**Specifications:**
- **Case Size:** 0402
- **Temperature Range:** -55°C to +125°C
- **Applications:**
  - Optoelectronics/High speed data
  - Transimpedance amplifiers
  - Broadband test equipment
  - Broadband microstrips/microstrip waveguide

---

### Mouser Electronics

- **Part No.:** 800B4R7CT
- **Price Each:** $0.80
- **Ordering Info:**
  - MOUER Catalogue
  - mouser.com/american-technical-ceramics

---

© Copyright 2016 Mouser Electronics