

600S0R1AW250XT





**Part Number:** 600S0R1AW250XT

**Manufacturer:** American Technical Ceramics

**Description:** CAP CER 0.1PF 250V NP0 0603

**Data sheet:**  [600S Series](#)

**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                  |                                  |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 600S0R1AW250XT                                                   | Manufacturer                     | <a href="#">American Technical Ceramics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CAP CER 0.1PF 250V NP0 0603                                      | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 167806 pcs                                                       | Data sheet                       | <a href="#">600S Series</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Capacitors</a>                                       | Voltage - Rated                  | 250V                                        |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ±0.05pF                                                          | Thickness (Max)                  | 0.035" (0.89mm)                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C0G, NP0                                                         | Size / Dimension                 | 0.063" L x 0.032" W (1.60mm x 0.81mm)       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ATC 600S                                                         | Ratings                          | -                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                                                 | Package / Case                   | 0603 (1608 Metric)                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 600S0R1AW<br>600S0R1AWDRB<br>600S0R1AWDRN<br>ATC600S0R1AW250XT   | Operating Temperature            | -55°C ~ 125°C                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount, MLCC                                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11 Weeks                                                         | Lead Style                       | -                                           |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant          |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                | Features                         | High Q, Low Loss, Ultra Low ESR             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.1pF ±0.05pF 250V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                      | 0.1pF                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | RF, Microwave, High Frequency, Bypass, Decoupling                |                                  |                                             |
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|  | Part#: <a href="#">600R160UR</a><br>Description: PTC RESET FUSE 60V 160MA RADIAL      | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R2AT250XT</a><br>Description: CAP CER 0.2PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600R160F</a><br>Description: PTC RESET FUSE 60V 160MA RADIAL       | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R3AT250XT</a><br>Description: CAP CER 0.3PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R3BT250XT</a><br>Description: CAP CER 0.3PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R2BT250XT</a><br>Description: CAP CER 0.2PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R4AW250XT</a><br>Description: CAP CER 0.4PF 250V NP0 0603     | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R3AW250XT</a><br>Description: CAP CER 0.3PF 250V NP0 0603     | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600R150F</a><br>Description: PTC RESET FUSE 60V 150MA RADIAL       | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R4AT250XT</a><br>Description: CAP CER 0.4PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R1BT250XT</a><br>Description: CAP CER 0.1PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600R160-R1UR</a><br>Description: PTC RESET FUSE 60V 160MA RADIAL   | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R1AT250XT</a><br>Description: CAP CER 0.1PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600R160-RAF</a><br>Description: PTC RESET FUSE 60V 160MA RADIAL    | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600R150ZR</a><br>Description: PTC RESET FUSE 60V 150MA RADIAL      | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600R160-R1F</a><br>Description: PTC RESET FUSE 60V 160MA RADIAL    | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R4BT250XT</a><br>Description: CAP CER 0.4PF 250V C0G/NP0 0603 | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600R160-RAUR</a><br>Description: PTC RESET FUSE 60V 160MA RADIAL   | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">600S0R2AW250XT</a><br>Description: CAP CER 0.2PF 250V NP0 0603     | Manufacturers: <a href="#">American Technical Ceramics</a>         | <a href="#">RFQ</a> |
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