

06031U510JAT2A



**Part Number:** 06031U510JAT2A

**Manufacturer:** AVX Corporation

**Description:** CAP CER 51PF 100V NP0 0603

**Data sheet:**  [Ceramic Chip Capacitor Catalog](#)  
 [U Series, Ultra Low](#)

**RoHs Status:** Lead free / RoHS 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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 06031U510JAT2A                                              | Manufacturer                    | <a href="#">AVX Corporation</a>                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER 51PF 100V NP0 0603                                  | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1296450 pcs                                                 | Data sheet                      | <a href="#">Ceramic Chip Capacitor Catalog</a><br><a href="#">U Series, Ultra Low</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                                  | Voltage - Rated                 | 100V                                                                                  |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±5%                                                         | Thickness (Max)                 | 0.036" (0.91mm)                                                                       |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                      | C0G, NP0                                                    | Size / Dimension                | 0.060" L x 0.030" W (1.52mm x 0.76mm)                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | U                                                           | Ratings                         | -                                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                            | Package / Case                  | 0603 (1608 Metric)                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 125°C                                               | Mounting Type                   | Surface Mount, MLCC                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 (Unlimited)                                               | Manufacturer Standard Lead Time | 16 Weeks                                                                              |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                           | Lead Spacing                    | -                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                                  | Height - Seated (Max)           | -                                                                                     |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ultra Low ESR                                               | Failure Rate                    | -                                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | 51pF ±5% 100V Ceramic Capacitor C0G, NP0 0603 (1608 Metric) | Capacitance                     | 51pF                                                                                  |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                 | RF, Microwave, High Frequency                               |                                 |                                                                                       |
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|  | Part#: <a href="#">06031U5R1BAT4A</a><br>Description: CAP CER 5.1PF 100V C0G/NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U4R7CAT2A</a><br>Description: CAP CER 4.7PF 100V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U5R6BAT2A</a><br>Description: CAP CER 5.6PF 100V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U560JAT2A</a><br>Description: CAP CER 56PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U510GAT2A</a><br>Description: CAP CER 51PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U4R3BAT2A</a><br>Description: CAP CER 4.3PF 100V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U680FAT2A</a><br>Description: CAP CER 68PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U620FAT2A</a><br>Description: CAP CER 62PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U560FAT2A</a><br>Description: CAP CER 56PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U470KAT2A</a><br>Description: CAP CER 47PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U560GAT2A</a><br>Description: CAP CER 56PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U680GAT2A</a><br>Description: CAP CER 68PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U4R7BAT2A</a><br>Description: CAP CER 4.7PF 100V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U510FAT2A</a><br>Description: CAP CER 51PF 100V NP0 0603      | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U5R1BAT2A</a><br>Description: CAP CER 5.1PF 100V C0G/NP0 0603 | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U470GAT9A</a><br>Description: CAP CER 47PF 100V C0G/NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U470GAT2A</a><br>Description: CAP CER 47PF 100V C0G/NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U470JAT4A</a><br>Description: CAP CER 47PF 100V C0G/NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U470JAT2A</a><br>Description: CAP CER 47PF 100V C0G/NP0 0603  | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">06031U5R6CAT2A</a><br>Description: CAP CER 5.6PF 100V NP0 0603     | Manufacturers: <a href="#">AVX Corporation</a> | <a href="#">RFQ</a> |

| Related keywords for 06031U510JAT2A |                                      |                         |                      |
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