

C0402C101K4RACAUTO



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Electronic Components

Part Number: C0402C101K4RACAUTO

Manufacturer: KEMET

Description: CAP CER SMD 0402 100PF 10% X7R 1

Data sheet:  X7R Dielectric, 6.3-250VDC, Automotive

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                            |                                  |                                  |                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|---------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                  | C0402C101K4RACAUTO               | Manufacturer                     | KEMET                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                  | CAP CER SMD 0402 100PF 10% X7R 1 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                           | 598874 pcs                       | Data sheet                       | X7R Dielectric, 6.3-250VDC, Automotive                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                     | Capacitors                       | Voltage - Rated                  | 16V                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                    | ±10%                             | Thickness (Max)                  | 0.022" (0.55mm)                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                      | X7R                              | Size / Dimension                 | 0.039" L x 0.020" W (1.00mm x 0.50mm)                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                       | C                                | Ratings                          | AEC-Q200                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                    | Cut Tape (CT)                    | Package / Case                   | 0402 (1005 Metric)                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                  | 399-17546-1                      | Operating Temperature            | -55°C ~ 125°C                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount, MLCC              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                              | 40 Weeks                         | Lead Style                       | -                                                       |
| Lead Spacing                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                        | -                                | Features                         | -                                                       |
| Failure Rate                                                                                                                                                                                                                                                                                                                                                                                 | -                                | Detailed Description             | 100pF ±10% 16V Ceramic Capacitor X7R 0402 (1005 Metric) |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                  | 100pF                            | Applications                     | Automotive, Bypass, Decoupling                          |
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|  | Part#: C0402C101K4HACAUTO<br>Description: CAP CER 0402 100PF 16V ULTRA STA | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K8HAC7867<br>Description: CAP CER 0402 100PF 10V ULTRA STA | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K8JAC7867<br>Description: CAP CER 100PF 10V U2J 0402       | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K5GALTU<br>Description: CAP CER 100PF 50V NP0 0402         | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K4JACAUTO<br>Description: CAP CER 100PF 16V U2J 0402       | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K3JACAUTO<br>Description: CAP CER 100PF 25V U2J 0402       | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K8HACAUTO<br>Description: CAP CER 0402 100PF 10V ULTRA STA | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K5JAC7867<br>Description: CAP CER 100PF 50V U2J 0402       | Manufacturers: KEMET | RFQ |
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|  | Part#: C0402C101K5HACTU<br>Description: CAP CER 100PF 50V X8R 0402         | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K4GALTU<br>Description: CAP CER 100PF 16V NP0 0402         | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K4RAC7867<br>Description: CAP CER 100PF 16V X7R 0402       | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K4GACTU<br>Description: CAP CER 100PF 16V COG/NP0 0402     | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K3RAC7867<br>Description: CAP CER 100PF 25V X7R 0402       | Manufacturers: KEMET | RFQ |
|  | Part#: C0402C101K5RAC7867<br>Description: CAP CER 100PF 50V X7R 0402       | Manufacturers: KEMET | RFQ |
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