

0805Y1002P70CAT





Part Number: 0805Y1002P70CAT

Manufacturer Knowles Syfer

Description CAP CER 2.7PF 100V C0G/NP0 0805

Data sheet:  [AEC-Q200 Automotive Datasheet](#)  
 [Chip Part Number Guide](#)

RoHs Status: Lead free / RoHS Compliant

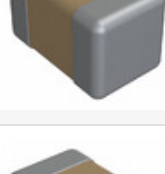
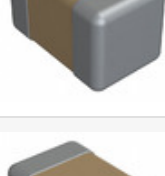
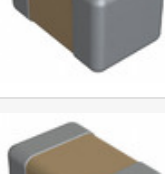
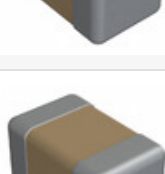
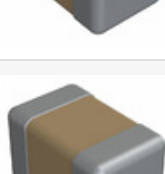
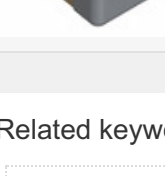
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                       |                                 |                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0805Y1002P70CAT                                                       | Manufacturer                    | <a href="#">Knowles Syfer</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 2.7PF 100V C0G/NP0 0805                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 138569 pcs                                                            | Data sheet                      | <a href="#">AEC-Q200 Automotive Datasheet</a><br><a href="#">Chip Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                            | Voltage - Rated                 | 100V                                                                                    |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.25pF                                                               | Thickness (Max)                 | 0.051" (1.30mm)                                                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0G, NP0 (1B)                                                         | Size / Dimension                | 0.079" L x 0.049" W (2.00mm x 1.25mm)                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                                                             | Ratings                         | AEC-Q200                                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                      | Package / Case                  | 0805 (2012 Metric)                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | -55°C ~ 125°C                                                         | Mounting Type                   | Surface Mount, MLCC                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                                         | Manufacturer Standard Lead Time | 9 Weeks                                                                                 |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                     | Lead Spacing                    | -                                                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                            | Height - Seated (Max)           | -                                                                                       |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Soft Termination                                                      | Failure Rate                    | -                                                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.7pF ±0.25pF 100V Ceramic Capacitor C0G, NP0 (1B) 0805 (2012 Metric) | Capacitance                     | 2.7pF                                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | Automotive, Boardflex Sensitive                                       |                                 |                                                                                         |
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|  | Part#: <a href="#">0805Y1002P70DCT</a><br>Description: CAP CER 2.7PF 100V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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