

1206J1K08P20CAT





**Part Number:** 1206J1K08P20CAT

**Manufacturer:** Knowles Syfer

**Description:** CAP CER 8.2PF 1000V C0G/NP0 1206

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

**RoHs Status:** Lead free / RoHS Compliant

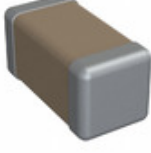
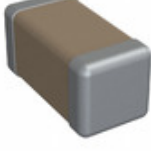
**Ship From:** Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                              |                                 |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1206J1K08P20CAT                                                              | Manufacturer                    | <a href="#">Knowles Syfer</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 8.2PF 1000V C0G/NP0 1206                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 88541 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                 | 1000V (1kV)                                                                             |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±0.25pF                                                                      | Thickness (Max)                 | 0.063" (1.60mm)                                                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0G, NP0 (1B)                                                                | Size / Dimension                | 0.126" L x 0.063" W (3.20mm x 1.60mm)                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                            | Ratings                         | AEC-Q200                                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                                             | Package / Case                  | 1206 (3216 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                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                            | Failure Rate                    | -                                                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8.2pF ±0.25pF 1000V (1kV) Ceramic Capacitor C0G, NP0 (1B) 1206 (3216 Metric) | Capacitance                     | 8.2pF                                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Automotive                                                                   |                                 |                                                                                         |
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|  | Part#: <a href="#">1206J1K08P20BAT</a><br>Description: CAP CER 8.2PF 1000V C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20CCR</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">1206J1K08P20BFR</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20DFR</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20BAR</a><br>Description: CAP CER 8.2PF 1000V C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20DCT</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20BCR</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20CCT</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K07P50DQT</a><br>Description: CAP CER 7.5PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K07P50HQT</a><br>Description: CAP CER 7.5PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20DCR</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20BCT</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20DAR</a><br>Description: CAP CER 8.2PF 1000V C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20BQT</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20DAT</a><br>Description: CAP CER 8.2PF 1000V C0G/NP0 1206 | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20CFT</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1206J1K08P20CFR</a><br>Description: CAP CER 8.2PF 1KV C0G/NP0 1206   | Manufacturers: <a href="#">Knowles Syfer</a> | <div>RFQ</div> |

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