

0603Y0508P20BAR





Part Number: 0603Y0508P20BAR

Manufacturer Knowles Syfer

Description CAP CER 8.2PF 50V C0G/NP0 0603

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     |                                 |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0603Y0508P20BAR                                                     | Manufacturer                    | <a href="#">Knowles Syfer</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAP CER 8.2PF 50V C0G/NP0 0603                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 93141 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                 | 50V                                                                                     |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                               | ±0.1pF                                                              | Thickness (Max)                 | 0.032" (0.80mm)                                                                         |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                 | C0G, NP0 (1B)                                                       | Size / Dimension                | 0.063" L x 0.032" W (1.60mm x 0.80mm)                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FlexiCap™                                                           | Ratings                         | AEC-Q200                                                                                |
| 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 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8.2pF ±0.1pF 50V Ceramic Capacitor C0G, NP0 (1B) 0603 (1608 Metric) | Capacitance                     | 8.2pF                                                                                   |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                            | Automotive, Boardflex Sensitive                                     |                                 |                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                              |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">0603Y0508P20BCR</a><br>Description: CAP CER 8.2PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y0506P80DFR</a><br>Description: CAP CER 6.8PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y0508P20CCT</a><br>Description: CAP CER 8.2PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y0508P20CCR</a><br>Description: CAP CER 8.2PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0603Y0506P80HQT</a><br>Description: CAP CER 6.8PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0603Y0508P20BFT</a><br>Description: CAP CER 8.2PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0603Y0507P50DQT</a><br>Description: CAP CER 7.5PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0603Y0508P20BAT</a><br>Description: CAP CER 8.2PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y0506P80DFT</a><br>Description: CAP CER 6.8PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0603Y0506P80DCT</a><br>Description: CAP CER 6.8PF 50V C0G/NP0 0603 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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