

0805Y050P500DQT





Part Number: 0805Y050P500DQT

Manufacturer Knowles Syfer

Description CAP CER 0.5PF 50V C0G/NP0 0805

Data sheet:  [High Q Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |                                 |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0805Y050P500DQT                                                     | Manufacturer                    | <a href="#">Knowles Syfer</a>         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 0.5PF 50V C0G/NP0 0805                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 132675 pcs                                                          | Data sheet                      | <a href="#">High Q Series</a>         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                          | Voltage - Rated                 | 50V                                   |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.5pF                                                              | 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                         | -                                     |
| 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 | 8 Weeks                               |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                   | Lead Spacing                    | -                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                          | Height - Seated (Max)           | -                                     |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                 | High Q, Low Loss, Soft Termination                                  | Failure Rate                    | -                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.5pF ±0.5pF 50V Ceramic Capacitor C0G, NP0 (1B) 0805 (2012 Metric) | Capacitance                     | 0.5pF                                 |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | RF, Microwave, High Frequency, Boardflex Sensitive                  |                                 |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                              |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">0805Y050P500HQT</a><br>Description: CAP CER 0.5PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y050P300CQT</a><br>Description: CAP CER 0.3PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y050P300DQT</a><br>Description: CAP CER 0.3PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0805Y050P600HQT</a><br>Description: CAP CER 0.6PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y050P400BQT</a><br>Description: CAP CER 0.4PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">0805Y050P700BQT</a><br>Description: CAP CER 0.7PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0805Y050P700CQT</a><br>Description: CAP CER 0.7PF 50V C0G/NP0 0805 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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