

0505Y300P500CQT





Part Number: 0505Y300P500CQT

Manufacturer Knowles Syfer

Description CAP CER 0.5PF 300V C0G/NP0 0505

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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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                       |                                 |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0505Y300P500CQT                                                       | Manufacturer                    | <a href="#">Knowles Syfer</a>         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | CAP CER 0.5PF 300V C0G/NP0 0505                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 137109 pcs                                                            | Data sheet                      | <a href="#">High Q Series</a>         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Capacitors</a>                                            | Voltage - Rated                 | 300V                                  |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±0.25pF                                                               | Thickness (Max)                 | 0.050" (1.27mm)                       |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                  | C0G, NP0 (1B)                                                         | Size / Dimension                | 0.055" L x 0.055" W (1.40mm x 1.40mm) |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FlexiCap™                                                             | Ratings                         | -                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                      | Package / Case                  | 0505 (1313 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 ±0.25pF 300V Ceramic Capacitor C0G, NP0 (1B) 0505 (1313 Metric) | Capacitance                     | 0.5pF                                 |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                             | RF, Microwave, High Frequency, Boardflex Sensitive                    |                                 |                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Knowles Syfer series electronic components. We have 137109 pieces of Knowles Syfer 0505Y300P500CQT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                       |                                 |                                       |

| RELATED PRODUCTS                                                                   |                                                                                        |                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|---------------------|
|  | Part#: <a href="#">0505Y300P200HQT</a><br>Description: CAP CER 0.2PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P600HQT</a><br>Description: CAP CER 0.6PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P600CQT</a><br>Description: CAP CER 0.6PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P700DQT</a><br>Description: CAP CER 0.7PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P600DQT</a><br>Description: CAP CER 0.6PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P300CQT</a><br>Description: CAP CER 0.3PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P300DQT</a><br>Description: CAP CER 0.3PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P400HQT</a><br>Description: CAP CER 0.4PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P700HQT</a><br>Description: CAP CER 0.7PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P300HQT</a><br>Description: CAP CER 0.3PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P500BQT</a><br>Description: CAP CER 0.5PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P700CQT</a><br>Description: CAP CER 0.7PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P300BQT</a><br>Description: CAP CER 0.3PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">0505Y300P500DQT</a><br>Description: CAP CER 0.5PF 300V C0G/NP0 0505 | Manufacturers: <a href="#">Knowles Syfer</a> | <a href="#">RFQ</a> |
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