

C3225X6S1V685K250AC



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Part Number: C3225X6S1V685K250AC

Manufacturer: TDK Corporation

Description: CAP CER 6.8UF 35V X6S 1210

Data sheet:

 C Series, General Datasheet

 C Series, Gen Appl & Mid-Voltage Spec

 MLCC Part Number Guide

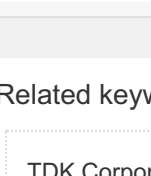
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                 |                                                         |                                  |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                       | C3225X6S1V685K250AC                                     | Manufacturer                     | TDK Corporation                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                       | CAP CER 6.8UF 35V X6S 1210                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                | 128830 pcs                                              | Data sheet                       | <a href="#">C Series, General Datasheet</a><br><a href="#">C Series, Gen Appl &amp; Mid-Voltage Spec</a><br><a href="#">MLCC Part Number Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Capacitors</a>                              | Voltage - Rated                  | 35V                                                                                                                                                |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                         | ±10%                                                    | Thickness (Max)                  | 0.110" (2.80mm)                                                                                                                                    |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                           | X6S                                                     | Size / Dimension                 | 0.126" L x 0.098" W (3.20mm x 2.50mm)                                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                            | C                                                       | Ratings                          | -                                                                                                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                                        | Package / Case                   | 1210 (3225 Metric)                                                                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                       | 445-14931-2<br>C3225X6S1V685KT000N                      | Operating Temperature            | -55°C ~ 105°C                                                                                                                                      |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount, MLCC                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                      |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                       | Lead Spacing                     | -                                                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                              | Height - Seated (Max)            | -                                                                                                                                                  |
| Features                                                                                                                                                                                                                                                                                                                                                                                                          | Low ESL                                                 | Failure Rate                     | -                                                                                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                              | 6.8µF ±10% 35V Ceramic Capacitor X6S 1210 (3225 Metric) | Capacitance                      | 6.8µF                                                                                                                                              |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                      | General Purpose                                         |                                  |                                                                                                                                                    |
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|  | Part#: <a href="#">C3225X7R1C106M200AB</a><br>Description: CAP CER 10UF 16V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3225X7R1A226K230AC</a><br>Description: CAP CER 22UF 10V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3225X7R1C335K200AM</a><br>Description: CAP CER 3.3UF 16V X7R 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">C3225X7R1C106K200AB</a><br>Description: CAP CER 10UF 16V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X6S1V685M250AC</a><br>Description: CAP CER 6.8UF 35V X6S 1210 | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X7R1A226M230AC</a><br>Description: CAP CER 22UF 10V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X7R1C156M250AB</a><br>Description: CAP CER 15UF 16V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X6S1V106M250AC</a><br>Description: CAP CER 10UF 35V X6S 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X6S1V106K250AC</a><br>Description: CAP CER 10UF 35V X6S 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">C3225X7R1C226K250AC</a><br>Description: CAP CER 22UF 16V X7R 1210  | Manufacturers: <a href="#">TDK Corporation</a> | <div>RFQ</div> |
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