

RHSN12A682K0DGH01A





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**Part Number:** [RHSN12A682K0DGH01A](#)

**Manufacturer:** [Murata Electronics](#)

**Description:** CAP CER 6800PF 100V XAN THRUHOLE

**Data sheet:**  [Radial Lead Monolithic Part Numbering](#)  
 [RHS Series Ref Sheet](#)

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

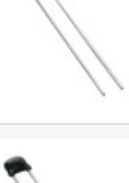
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                               |                                  |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                           | RHSN12A682K0DGH01A                            | Manufacturer                     | <a href="#">Murata Electronics</a>                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CAP CER 6800PF 100V XAN THRUHOLE              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 240226 pcs                                    | Data sheet                       | <a href="#">Radial Lead Monolithic Part Numbering</a><br><a href="#">RHS Series Ref Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Capacitors</a>                    | Voltage - Rated                  | 100V                                                                                          |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±10%                                          | Thickness (Max)                  | -                                                                                             |
| Temperature Coefficient                                                                                                                                                                                                                                                                                                                                                                                                                                               | XAN                                           | Size / Dimension                 | 0.150" L x 0.098" W (3.80mm x 2.50mm)                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                | RHS                                           | Ratings                          | AEC-Q200                                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cut Tape (CT)                                 | Package / Case                   | Radial                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 490-18021-1                                   | Operating Temperature            | -55°C ~ 175°C                                                                                 |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Through Hole                                  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                 |
| Lead Style                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Straight                                      | Lead Spacing                     | 0.098" (2.50mm)                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                    | Height - Seated (Max)            | 0.138" (3.50mm)                                                                               |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                             | Failure Rate                     | -                                                                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6800pF ±10% 100V Ceramic Capacitor XAN Radial | Capacitance                      | 6800pF                                                                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Automotive                                    |                                  |                                                                                               |
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|                                    | Part#: <a href="#">RHSN12A683K1M2H01A</a><br>Description: CAP CER 0.068UF 100V XAN T/H     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A333K1M2H01A</a><br>Description: CAP CER 0.033UF 100V XAN T/H     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A682K0A2H01B</a><br>Description: CAP CER 6800PF 100V XAN THRUHOLE | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A472K0M2H01A</a><br>Description: CAP CER 4700PF 100V XAN THRUHOLE | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A472K0DGH01A</a><br>Description: CAP CER 4700PF 100V XAN THRUHOLE | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A473K1A2H01B</a><br>Description: CAP CER 0.047UF 100V XAN THRUHOL | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A683K1K1H01B</a><br>Description: CAP CER 0.068UF 100V XAN THRUHOL | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A473K1M2H01A</a><br>Description: CAP CER 0.047UF 100V XAN T/H     | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
|                                    | Part#: <a href="#">RHSN12A472K0A2H01B</a><br>Description: CAP CER 4700PF 100V XAN THRUHOLE | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |
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|                                    | Part#: <a href="#">RHSN12A333K1K1H01B</a><br>Description: CAP CER 0.033UF 100V XAN THRUHOL | Manufacturers: <a href="#">Murata Electronics</a>               | <a href="#">RFQ</a> |

| Related keywords for RHSN12A682K0DGH01A |                                |                                  |                                  |
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