

NOSD227M006R0045



Part Number: [NOSD227M006R0045](#)

Manufacturer: [AVX Corporation](#)

Description: CAP NIOB OXI 220UF 20% 6.3V 2917

Data sheet:  [NOS OxiCap Low ESR Series](#)

RoHs Status: Lead free / RoHS Compliant

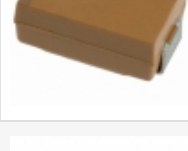
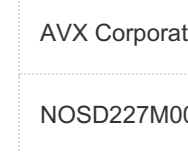
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                |                                 |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------|-------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NOSD227M006R0045                                               | Manufacturer                    | <a href="#">AVX Corporation</a>           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAP NIOB OXI 220UF 20% 6.3V 2917                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 75238 pcs                                                      | Data sheet                      | <a href="#">NOS OxiCap Low ESR Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Capacitors</a>                                     | Voltage - Rated                 | 6.3V                                      |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±20%                                                           | Supplier Device Package         | 2917 (7343 Metric)                        |
| Size / Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.287" L x 0.169" W (7.30mm x 4.30mm)                          | Series                          | OxiCap® NOS                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                                               | Package / Case                  | 2917 (7343 Metric)                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 125°C                                                  | Mounting Type                   | Surface Mount                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                                                  | Manufacturer Standard Lead Time | 14 Weeks                                  |
| Manufacturer Size Code                                                                                                                                                                                                                                                                                                                                                                                                                                       | D                                                              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                |
| Height - Seated (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.122" (3.10mm)                                                | Features                        | Low ESR                                   |
| ESR (Equivalent Series Resistance)                                                                                                                                                                                                                                                                                                                                                                                                                           | 45 mOhms                                                       | Dissipation Factor              | 6%                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | 220µF Niobium Oxide Capacitor 6.3V 2917 (7343 Metric) 45 mOhms | Current - Leakage               | 26.4µA                                    |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 220µF                                                          |                                 |                                           |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                |                |
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|  | Part#: <a href="#">NOSD337M004R0035</a><br>Description: CAP NIOB OXIDE 330UF 20% 4V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD337M002R0035</a><br>Description: CAP NIOB OXI 330UF 20% 2.5V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD157M006R0050</a><br>Description: CAP NIOB OXI 150UF 20% 6.3V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD157M006R0100</a><br>Description: CAP NIOB OXI 150UF 20% 6.3V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD337M002R0100</a><br>Description: CAP NIOB OXI 330UF 20% 2.5V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD227M006R0060</a><br>Description: CAP NIOB OXI 220UF 20% 6.3V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD337M004R0100</a><br>Description: CAP NIOB OXIDE 330UF 20% 4V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD227M006R0100</a><br>Description: CAP NIOB OXI 220UF 20% 6.3V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD107M006R0100</a><br>Description: CAP NIOB OXI 100UF 20% 6.3V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD227M004R0040</a><br>Description: CAP NIOB OXIDE 220UF 20% 4V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD477M004R0100</a><br>Description: CAP NIOB OXIDE 470UF 20% 4V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSC686M006S0200</a><br>Description: CAP NIOB OXID 68UF 20% 6.3V 2312 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD477M002R0035</a><br>Description: CAP NIOB OXI 470UF 20% 2.5V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD477M002R0055</a><br>Description: CAP NIOB OXI 470UF 20% 2.5V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD227M004R0060</a><br>Description: CAP NIOB OXIDE 220UF 20% 4V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD227M004R0100</a><br>Description: CAP NIOB OXIDE 220UF 20% 4V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD477M002R0100</a><br>Description: CAP NIOB OXI 470UF 20% 2.5V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD157M006R0070</a><br>Description: CAP NIOB OXI 150UF 20% 6.3V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSD107M006R0080</a><br>Description: CAP NIOB OXI 100UF 20% 6.3V 2917 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NOSC686M006R0200</a><br>Description: CAP NIOB OXID 68UF 20% 6.3V 2312 | Manufacturers: <a href="#">AVX Corporation</a> | <div>RFQ</div> |

| Related keywords for NOSD227M006R0045 |                                        |                           |                        |
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