

OxiCap® NOS Low ESR Series



Niobium Oxide Capacitor



- Low ESR NbO capacitors
- Non-burn safe technology
- Reliability level: 0.2%/1000 hrs.
- CV range: 10-1000µF / 1.8-6.3V
- 9 case sizes available
- IBM global approval received in 2004
- Electra Award received in 2005



Electra Award
2005

CASE DIMENSIONS: millimeters (inches)



For part marking see page 132

| Code | EIA Code | EIA Metric | L±0.20 (0.008) | W+0.20 (0.008) -0.10 (0.004) | H+0.20 (0.008) -0.10 (0.004) | W ₁ ±0.20 (0.008) | A+0.30 (0.012) -0.20 (0.008) | S Min. |
|------|----------|------------|----------------|------------------------------|------------------------------|------------------------------|------------------------------|--------------|
| A | 1206 | 3216-18 | 3.20 (0.126) | 1.60 (0.063) | 1.60 (0.063) | 1.20 (0.047) | 0.80 (0.031) | 1.10 (0.043) |
| B | 1210 | 3528-21 | 3.50 (0.138) | 2.80 (0.110) | 1.90 (0.075) | 2.20 (0.087) | 0.80 (0.031) | 1.40 (0.055) |
| C | 2312 | 6032-28 | 6.00 (0.236) | 3.20 (0.126) | 2.60 (0.102) | 2.20 (0.087) | 1.30 (0.051) | 2.90 (0.114) |
| D | 2917 | 7343-31 | 7.30 (0.287) | 4.30 (0.169) | 2.90 (0.114) | 2.40 (0.094) | 1.30 (0.051) | 4.40 (0.173) |
| E | 2917 | 7343-43 | 7.30 (0.287) | 4.30 (0.169) | 4.10 (0.162) | 2.40 (0.094) | 1.30 (0.051) | 4.40 (0.173) |
| V | 2924 | 7361-38 | 7.30 (0.287) | 6.10 (0.240) | 3.45 ±0.30 (0.136±0.012) | 3.10 (0.120) | 1.40 (0.055) | 4.40 (0.173) |
| W | 2312 | 6032-15 | 6.00 (0.236) | 3.20 (0.126) | 1.50 (0.059) max. | 2.20 (0.087) | 1.30 (0.051) | 2.90 (0.114) |
| X | 2917 | 7343-15 | 7.30 (0.287) | 4.30 (0.169) | 1.50 (0.059) | 2.40 (0.094) | 1.30 (0.051) | 4.40 (0.173) |
| Y | 2917 | 7343-20 | 7.30 (0.287) | 4.30 (0.169) | 2.00 (0.079) max | 2.40 (0.094) | 1.30 (0.051) | 4.40 (0.173) |

W₁ dimension applies to the termination width for A dimensional area only.

HOW TO ORDER

| | | | | | | | |
|-------------|-------------------------------------|--|----------------------------|---|---|------------------|---|
| NOS | D | 107 | M | 006 | R | 0100 | - |
| Type | Case Size See table above | Capacitance Code 1st two digits represent significant figures, 3rd digit represents multiplier in pF | Tolerance M=±20% | Rated DC Voltage 001 = 1.8Vdc 002 = 2.5Vdc 004 = 4Vdc 006 = 6.3Vdc | Packaging R = Lead Free 7" Reel S = Lead Free 13" Reel | ESR in mΩ | Additional characters may be added for special requirements V = Dry pack Option (selected codes only) with exception of D, E, X, Y, V cases |

TECHNICAL SPECIFICATIONS

| | | | | | |
|------------------------------------|---|-----|-----|-----|-----|
| Technical Data: | All technical data relate to an ambient temperature of +25°C is not stated | | | | |
| Capacitance Range: | 10 µF to 1000 µF | | | | |
| Capacitance Tolerance: | ±20% | | | | |
| Leakage Current DCL: | 0.02CV | | | | |
| Rated Voltage DC (V _R) | ≤ +85°C: | 1.8 | 2.5 | 4 | 6.3 |
| Category Voltage (V _C) | ≤ +125°C: | 0.9 | 1.3 | 2 | 3 |
| Surge Voltage (V _S) | ≤ +85°C: | 2.3 | 3.3 | 5.2 | 8 |
| Surge Voltage (V _S) | ≤ +125°C: | 1.2 | 1.7 | 2.6 | 4 |
| Temperature Range: | -55°C to +125°C | | | | |
| Reliability: | 0.2% per 1000 hours at 85°C, V _R , 0.1Ω/V series impedance, 60% confidence level Meets requirements of AEC-Q200 | | | | |

OxiCap® NOS Low ESR Series



Niobium Oxide Capacitor

CAPACITANCE AND RATED VOLTAGE RANGE (LETTER DENOTES CASE SIZE)

| Capacitance | | Rated Voltage DC (V _R) to 85°C / 0.66 DC to 105°C / 0.5 DC to 125°C | | | |
|-------------|------|---|------------------------|-------------------------------|-------------------------------|
| µF | Code | 1.8V (x) | 2.5V (e) | 4.0V (G) | 6.3V (J) |
| 4.7 | 475 | | | | |
| 6.8 | 685 | | | | |
| 10 | 106 | | | | A(800, 1000, 2000) |
| 15 | 156 | | | A(1500) | B(600) |
| 22 | 226 | | A(900) | B(600) | B(600) |
| 33 | 336 | | | B(600) | B(600) C(500) W(250) |
| 47 | 476 | | B(500) | B(500) C(300) W(150) | B(500) C(300) |
| 68 | 686 | | C(200) W(150) | C(200) | C(75,200) X(100) Y(100) |
| 100 | 107 | B(350) W(150) | C(150) | C(70,150) X(100) | C(150) D(80,100) Y(100) |
| 150 | 157 | | C(65,150) X(100) | C(90,150) Y(100) | D(50,70,100) Y(100) |
| 220 | 227 | C(125) X(100) | C(80,125) Y(100) | D(40,60,100) Y(100) | D(45,60,100) E(80,100) |
| 330 | 337 | Y(100) | D(35,50,100) Y(100) | D(35,55,100) E(100)/Y(150) | E(80,100) |
| 470 | 477 | Y(100) | D(35,55,100) E(100) | D(100) E(75,100) | V(75) |
| 680 | 687 | | E(60) | V(75) | |
| 1000 | 108 | | V(50) | | |



LEAD-FREE

LEAD-FREE COMPATIBLE
COMPONENT



RoHS
COMPLIANT



NON-BURN
NON-SMOKE

Available Ratings, (ESR ratings in mOhms in brackets)

Engineering samples - please contact manufacturer

*Codes under development - subject to change

Note: Voltage ratings are minimum values. AVX reserves the right to supply higher ratings in the same case size, to the same reliability standards.

OxiCap[®] NOS Low ESR Series



Niobium Oxide Capacitor

RATINGS & PART NUMBER REFERENCE

| AVX Part No. | Case Size | Capacitance (µF) | Rated Voltage(V) | DCL (µA) | DF % | ESR Max. (mΩ) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Ratings (V) | | |
|---|-----------|------------------|------------------|----------|------|-----------------------|-----------------------------------|-------|-------|-----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 1.8 Volt @ 85°C (1.2 Volt @ 105°C, 0.9 Volt @ 125°C) | | | | | | | | | | | | |
| NOSB107M001#0350 | B | 100 | 1.8 | 3.6 | 6 | 350 | 0.540 | 0.486 | 0.216 | 0.189 | 0.170 | 0.076 |
| NOSW107M001#0150 | W | 100 | 1.8 | 3.6 | 6 | 150 | 0.849 | 0.764 | 0.339 | 0.127 | 0.115 | 0.051 |
| NOSC227M001#0125 | C | 220 | 1.8 | 8.0 | 8 | 125 | 1.028 | 0.925 | 0.411 | 0.128 | 0.116 | 0.051 |
| NOSX227M001#0100 | X | 220 | 1.8 | 8.0 | 8 | 100 | 1.095 | 0.986 | 0.438 | 0.110 | 0.099 | 0.044 |
| NOSY337M001#0100 | Y | 330 | 1.8 | 11.9 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSY477M001#0100 | Y | 470 | 1.8 | 16.9 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| 2.5 Volt @ 85°C (1.7 Volt @ 105°C, 1.3 Volt @ 125°C) | | | | | | | | | | | | |
| NOSA226M002#0900 | A | 22 | 2.5 | 1.1 | 6 | 900 | 0.316 | 0.285 | 0.126 | 0.285 | 0.256 | 0.114 |
| NOSB476M002#0500 | B | 47 | 2.5 | 2.4 | 6 | 500 | 0.452 | 0.406 | 0.181 | 0.226 | 0.203 | 0.090 |
| NOSC686M002#0200 | C | 68 | 2.5 | 3.4 | 6 | 200 | 0.812 | 0.731 | 0.325 | 0.162 | 0.146 | 0.065 |
| NOSW686M002#0150 | W | 68 | 2.5 | 3.4 | 6 | 150 | 0.849 | 0.764 | 0.339 | 0.127 | 0.115 | 0.051 |
| NOSC107M002#0150 | C | 100 | 2.5 | 5.0 | 6 | 150 | 0.938 | 0.844 | 0.375 | 0.141 | 0.127 | 0.056 |
| NOSC157M002#0065 | C | 150 | 2.5 | 7.6 | 6 | 65 | 1.425 | 1.283 | 0.570 | 0.093 | 0.083 | 0.037 |
| NOSC157M002#0150 | C | 150 | 2.5 | 7.6 | 6 | 150 | 0.938 | 0.844 | 0.375 | 0.141 | 0.127 | 0.056 |
| NOSX157M002#0100 | X | 150 | 2.5 | 7.5 | 6 | 100 | 1.095 | 0.986 | 0.438 | 0.110 | 0.099 | 0.044 |
| NOSC227M002#0080 | C | 220 | 2.5 | 11.0 | 8 | 80 | 1.285 | 1.156 | 0.514 | 0.103 | 0.092 | 0.041 |
| NOSC227M002#0125 | C | 220 | 2.5 | 11.0 | 8 | 125 | 1.028 | 0.925 | 0.411 | 0.128 | 0.116 | 0.051 |
| NOSY227M002#0100 | Y | 220 | 2.5 | 11.0 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSD337M002#0035 | D | 330 | 2.5 | 16.5 | 6 | 35 | 2.268 | 2.041 | 0.907 | 0.079 | 0.071 | 0.032 |
| NOSD337M002#0100 | D | 330 | 2.5 | 16.5 | 10 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSY337M002#0100 | Y | 330 | 2.5 | 16.5 | 10 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSD477M002#0035 | D | 470 | 2.5 | 23.5 | 6 | 35 | 2.268 | 2.041 | 0.907 | 0.079 | 0.071 | 0.032 |
| NOSD447M002#0055 | D | 470 | 2.5 | 23.5 | 10 | 55 | 1.809 | 1.628 | 0.724 | 0.099 | 0.090 | 0.040 |
| NOSD447M002#0100 | D | 470 | 2.5 | 23.5 | 10 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSE477M002#0100 | E | 470 | 2.5 | 23.5 | 10 | 100 | 1.407 | 1.266 | 0.563 | 0.141 | 0.127 | 0.056 |
| NOSE687M002#0060 | E | 680 | 2.5 | 34.0 | 12 | 60 | 1.817 | 1.635 | 0.727 | 0.109 | 0.098 | 0.044 |
| NOSV108M002#0050 | V | 1000 | 2.5 | 50.0 | 18 | 50 | 2.449 | 2.205 | 0.980 | 0.122 | 0.110 | 0.049 |
| 4 Volt @ 85°C (2.6 Volt @ 105°C, 2 Volt @ 125°C) | | | | | | | | | | | | |
| NOSA156M004#1500 | A | 15 | 4 | 1.2 | 6 | 1500 | 0.245 | 0.220 | 0.098 | 0.367 | 0.331 | 0.147 |
| NOSB226M004#0600 | B | 22 | 4 | 1.8 | 6 | 600 | 0.412 | 0.371 | 0.165 | 0.247 | 0.223 | 0.099 |
| NOSB336M004#0600 | B | 33 | 4 | 2.6 | 6 | 600 | 0.412 | 0.371 | 0.165 | 0.247 | 0.223 | 0.099 |
| NOSB476M004#0500 | B | 47 | 4 | 3.8 | 6 | 500 | 0.452 | 0.406 | 0.181 | 0.226 | 0.203 | 0.090 |
| NOSC476M004#0300 | C | 47 | 4 | 3.8 | 6 | 300 | 0.663 | 0.597 | 0.265 | 0.199 | 0.179 | 0.080 |
| NOSW476M004#0150 | W | 47 | 4 | 3.8 | 6 | 150 | 0.849 | 0.764 | 0.339 | 0.127 | 0.115 | 0.051 |
| NOSC686M004#0200 | C | 68 | 4 | 5.4 | 6 | 200 | 0.812 | 0.731 | 0.325 | 0.162 | 0.146 | 0.065 |
| NOSC107M004#0070 | C | 100 | 4 | 8.0 | 6 | 70 | 1.373 | 1.236 | 0.549 | 0.096 | 0.087 | 0.038 |
| NOSC107M004#0150 | C | 100 | 4 | 8.0 | 6 | 150 | 0.938 | 0.844 | 0.375 | 0.141 | 0.127 | 0.056 |
| NOSX107M004#0100 | X | 100 | 4 | 8.0 | 6 | 100 | 1.095 | 0.986 | 0.438 | 0.110 | 0.099 | 0.044 |
| NOSC157M004#0090 | C | 150 | 4 | 12.0 | 6 | 90 | 1.211 | 1.090 | 0.484 | 0.109 | 0.098 | 0.044 |
| NOSC157M004#0150 | C | 150 | 4 | 12.0 | 6 | 150 | 0.938 | 0.844 | 0.375 | 0.141 | 0.127 | 0.056 |
| NOSY157M004#0100 | Y | 150 | 4 | 12.0 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSD227M004#0040 | D | 220 | 4 | 17.6 | 6 | 40 | 2.121 | 1.909 | 0.849 | 0.085 | 0.076 | 0.034 |
| NOSD227M004#0060 | D | 220 | 4 | 17.6 | 8 | 60 | 1.732 | 1.559 | 0.693 | 0.104 | 0.094 | 0.042 |
| NOSD227M004#0100 | D | 220 | 4 | 17.6 | 8 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSY227M004#0100 | Y | 220 | 4 | 17.6 | 10 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSD337M004#0035 | D | 330 | 4 | 26.4 | 6 | 35 | 2.268 | 2.041 | 0.907 | 0.079 | 0.071 | 0.032 |
| NOSD337M004#0100 | D | 330 | 4 | 26.4 | 8 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSE337M004#0100 | E | 330 | 4 | 26.4 | 8 | 100 | 1.407 | 1.266 | 0.563 | 0.141 | 0.127 | 0.056 |
| NOSY337M004#0150 | Y | 330 | 4 | 26.4 | 12 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| NOSD477M004#0100 | D | 470 | 4 | 37.6 | 12 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSE477M004#0075 | E | 470 | 4 | 37.6 | 12 | 75 | 1.625 | 1.462 | 0.650 | 0.122 | 0.110 | 0.049 |
| NOSE477M004#0100 | E | 470 | 4 | 37.6 | 12 | 100 | 1.407 | 1.266 | 0.563 | 0.141 | 0.127 | 0.056 |
| NOSV687M004#0075 | V | 680 | 4 | 54.4 | 14 | 75 | 2.000 | 1.800 | 0.800 | 0.150 | 0.135 | 0.060 |

- Insert R for 7" reel or S for 13" reel

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5RMS with DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

MSL level: See page 123 (6. Moisture Sensitivity Level) or packaging and reel label.

ESR allowed to move up to 1.25 times catalog limit post mounting.

Note: AVX reserves the rights to supply higher voltage rating in the same case size to the same reliability standards.



OxiCap® NOS Low ESR Series



Niobium Oxide Capacitor

RATINGS & PART NUMBER REFERENCE

| AVX Part No. | Case Size | Capacitance (µF) | Rated Voltage(V) | DCL (µA) | DF % | ESR Max. (mΩ) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Ratings (V) | | |
|---|-----------|------------------|------------------|----------|------|-----------------------|-----------------------------------|-------|-------|-----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 6.3 Volt @ 85°C (4 Volt @ 105°C, 3 Volt @ 125°C) | | | | | | | | | | | | |
| NOSA106M006#0800 | A | 10 | 6.3 | 1.2 | 6 | 800 | 0.335 | 0.302 | 0.134 | 0.268 | 0.241 | 0.107 |
| NOSA106M006#1000 | A | 10 | 6.3 | 1.2 | 6 | 1000 | 0.300 | 0.270 | 0.120 | 0.300 | 0.270 | 0.120 |
| NOSA106M006#2000 | A | 10 | 6.3 | 1.2 | 6 | 2000 | 0.212 | 0.191 | 0.085 | 0.424 | 0.382 | 0.170 |
| NOSB156M006#0600 | B | 15 | 6.3 | 1.8 | 6 | 600 | 0.412 | 0.371 | 0.165 | 0.247 | 0.223 | 0.099 |
| NOSB226M006#0600 | B | 22 | 6.3 | 2.6 | 6 | 600 | 0.412 | 0.371 | 0.165 | 0.247 | 0.223 | 0.099 |
| NOSB336M006#0600 | B | 33 | 6.3 | 4.0 | 6 | 600 | 0.412 | 0.371 | 0.165 | 0.247 | 0.223 | 0.099 |
| NOSC336M006#0500 | C | 33 | 6.3 | 4.0 | 6 | 500 | 0.514 | 0.462 | 0.206 | 0.257 | 0.231 | 0.103 |
| NOSW336M006#0250 | W | 33 | 6.3 | 4.0 | 6 | 250 | 0.657 | 0.592 | 0.263 | 0.164 | 0.148 | 0.066 |
| NOSB476M006#0500 | B | 47 | 6.3 | 5.6 | 6 | 500 | 0.452 | 0.406 | 0.181 | 0.226 | 0.203 | 0.090 |
| NOSC476M006#0300 | C | 47 | 6.3 | 5.7 | 6 | 300 | 0.663 | 0.597 | 0.265 | 0.199 | 0.179 | 0.080 |
| NOSC686M006#0075 | C | 68 | 6.3 | 8.2 | 6 | 75 | 1.327 | 1.194 | 0.531 | 0.099 | 0.090 | 0.040 |
| NOSC686M006#0200 | C | 68 | 6.3 | 8.2 | 6 | 200 | 0.812 | 0.731 | 0.325 | 0.162 | 0.146 | 0.065 |
| NOSX686M006#0100 | X | 68 | 6.3 | 8.2 | 6 | 100 | 1.095 | 0.986 | 0.438 | 0.110 | 0.099 | 0.044 |
| NOSY686M006#0100 | Y | 68 | 6.3 | 8.2 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSC107M006#0150 | C | 100 | 6.3 | 12.0 | 8 | 150 | 0.938 | 0.844 | 0.375 | 0.141 | 0.127 | 0.056 |
| NOSD107M006#0080 | D | 100 | 6.3 | 12.0 | 6 | 80 | 1.500 | 1.350 | 0.600 | 0.120 | 0.108 | 0.048 |
| NOSD107M006#0100 | D | 100 | 6.3 | 12.0 | 6 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSY107M006#0100 | Y | 100 | 6.3 | 12.0 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSD157M006#0050 | D | 150 | 6.3 | 18.0 | 6 | 50 | 1.897 | 1.708 | 0.759 | 0.095 | 0.085 | 0.038 |
| NOSD157M006#0070 | D | 150 | 6.3 | 18.0 | 6 | 70 | 1.604 | 1.443 | 0.641 | 0.112 | 0.101 | 0.045 |
| NOSD157M006#0100 | D | 150 | 6.3 | 18.0 | 6 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSY157M006#0100 | Y | 150 | 6.3 | 18.0 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| NOSD227M006#0045 | D | 220 | 6.3 | 26.4 | 6 | 45 | 2.000 | 1.800 | 0.800 | 0.090 | 0.081 | 0.036 |
| NOSD227M006#0060 | D | 220 | 6.3 | 26.4 | 8 | 60 | 1.732 | 1.559 | 0.693 | 0.104 | 0.094 | 0.042 |
| NOSD227M006#0100 | D | 220 | 6.3 | 26.4 | 8 | 100 | 1.342 | 1.207 | 0.537 | 0.134 | 0.121 | 0.054 |
| NOSE227M006#0080 | E | 220 | 6.3 | 26.4 | 12 | 80 | 1.573 | 1.416 | 0.629 | 0.126 | 0.113 | 0.050 |
| NOSE227M006#0100 | E | 220 | 6.3 | 26.4 | 12 | 100 | 1.407 | 1.266 | 0.563 | 0.141 | 0.127 | 0.056 |
| NOSE337M006#0080 | E | 330 | 6.3 | 39.6 | 12 | 80 | 1.573 | 1.416 | 0.629 | 0.126 | 0.113 | 0.050 |
| NOSE337M006#0100 | E | 330 | 6.3 | 39.6 | 12 | 100 | 1.407 | 1.266 | 0.563 | 0.141 | 0.127 | 0.056 |
| NOSV477M006#0075 | V | 470 | 6.3 | 56.4 | 12 | 75 | 2.000 | 1.800 | 0.800 | 0.150 | 0.135 | 0.060 |

- Insert R for 7" reel or S for 13" reel

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5RMS with DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

MSL level: See page 123 (6. Moisture Sensitivity Level) or packaging and reel label.

ESR allowed to move up to 1.25 times catalog limit post mounting.

Note: AVX reserves the rights to supply higher voltage rating in the same case size to the same reliability standards.

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».



JONHON

«**JONHON**» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«**FORSTAR**» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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