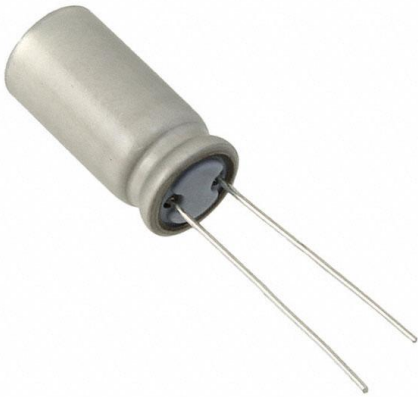


UBX1C331MPL Datasheet

www.digi-electronics.com



<https://www.DiGi-Electronics.com>

| | |
|------------------------------|--|
| DiGi Electronics Part Number | UBX1C331MPL-DG |
| Manufacturer | Nichicon |
| Manufacturer Product Number | UBX1C331MPL |
| Description | CAP ALUM 330UF 20% 16V RADIAL |
| Detailed Description | 330 μ F 16 V Aluminum Electrolytic Capacitors Radial, Can 1000 Hrs @ 150°C |

This model UBX1C331MPL is available at DiGi Electronics.

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We welcome your inquiries regarding pricing, lead time, or other product-related questions.

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RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

UBX1C331MPL

Series:

UBX

Capacitance:

330 μ F

Voltage - Rated:

16 V

Lifetime @ Temp.:

1000 Hrs @ 150°C

Polarization:

Polar

Applications:

Automotive

Ripple Current @ High Frequency:

400 mA @ 100 kHz

Size / Dimension:

0.394" Dia (10.00mm)

Surface Mount Land Size:

-

Package / Case:

Radial, Can

Manufacturer:

Nichicon

Product Status:

Obsolete

Tolerance:

\pm 20%

ESR (Equivalent Series Resistance):

-

Operating Temperature:

-55°C ~ 150°C

Ratings:

-

Ripple Current @ Low Frequency:

200 mA @ 120 Hz

Lead Spacing:

0.197" (5.00mm)

Height - Seated (Max):

0.846" (21.50mm)

Mounting Type:

Through Hole

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8532.22.0020

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99

ALUMINUM ELECTROLYTIC CAPACITORS

UBX

■ Dimensions

| Rated Voltage (V) (code) | Rated Capacitance (μ F) | Case Size ϕ D \times L (mm) | tan δ | Leakage Current (μ A) (at 20°C after 1 minute) | Rated Ripple (mArms) | | Part Number |
|--------------------------------|---------------------------------|---------------------------------------|--------------|--|-------------------------|-----------------|-------------|
| | | | | | 150°C/ 100kHz | 150°C/ 120Hz | |
| 16 (1C) | 470 | 12.5 \times 20 | 0.16 | 225.6 | 600 | — | UBX1C471MHL |
| | 1000 | 16 \times 25 | 0.16 | 480 | 800 | — | UBX1C102MHL |
| | 2200 | 18 \times 35.5 | 0.18 | 1056 | 1200 | — | UBX1C222MHL |
| | 3300 | 18 \times 40 | 0.20 | 1584 | 1300 | — | UBX1C332MHL |
| 25 (1E) | 220 | 12.5 \times 20 | 0.14 | 165 | 500 | — | UBX1E221MHL |
| | 330 | 12.5 \times 25 | 0.14 | 247.5 | 600 | — | UBX1E331MHL |
| | 470 | 16 \times 25 | 0.14 | 352.5 | 800 | — | UBX1E471MHL |
| | 1000 | 16 \times 30.5 | 0.14 | 750 | 1000 | — | UBX1E102MHL |
| 35 (1V) | 220 | 12.5 \times 25 | 0.12 | 231 | 600 | — | UBX1V221MHL |
| | 330 | 16 \times 25 | 0.12 | 346.5 | 800 | — | UBX1V331MHL |
| | 470 | 16 \times 30.5 | 0.12 | 493.5 | 1000 | — | UBX1V471MHL |
| | 1000 | 18 \times 40 | 0.12 | 1050 | 1300 | — | UBX1V102MHL |
| 50 (1H) | 330 | 12.5 \times 20 | 0.10 | 495 | 770 | — | UBX1H331MHL |
| | 470 | 12.5 \times 25 | 0.10 | 705 | 960 | — | UBX1H471MHL |
| | 560 | 12.5 \times 30.5 | 0.10 | 840 | 1080 | — | UBX1H561MHL |
| | 680 | 16 \times 25 | 0.10 | 1020 | 1190 | — | UBX1H681MHL |
| | 1000 | 16 \times 30.5 | 0.10 | 1500 | 1420 | — | UBX1H102MHL |
| 63 (1J) | 220 | 12.5 \times 25 | 0.10 | 415.8 | 1040 | — | UBX1J221MHL |
| | 330 | 12.5 \times 30.5 | 0.10 | 623.7 | 1170 | — | UBX1J331MHL |
| | 470 | 16 \times 25 | 0.10 | 888.3 | 1280 | — | UBX1J471MHL |
| | 560 | 16 \times 30.5 | 0.10 | 1058.4 | 1520 | — | UBX1J561MHL |
| | 680 | 16 \times 35.5 | 0.10 | 1285.2 | 1520 | — | UBX1J681MHL |
| 80 (1K) | 100 | 12.5 \times 20 | 0.08 | 240 | 820 | — | UBX1K101MHL |
| | 220 | 16 \times 25 | 0.08 | 528 | 1250 | — | UBX1K221MHL |
| | 330 | 16 \times 30.5 | 0.08 | 792 | 1480 | — | UBX1K331MHL |
| | 470 | 18 \times 30.5 | 0.08 | 1128 | 1530 | — | UBX1K471MHL |
| 100 (2A) | 68 | 12.5 \times 20 | 0.08 | 204 | 760 | — | UBX2A680MHL |
| | 100 | 12.5 \times 25 | 0.08 | 300 | 950 | — | UBX2A101MHL |
| | 220 | 16 \times 30.5 | 0.08 | 660 | 1380 | — | UBX2A221MHL |
| | 330 | 18 \times 30.5 | 0.08 | 990 | 1430 | — | UBX2A331MHL |
| 160 (2C) | 33 | 12.5 \times 20 | 0.20 | 311.2 | — | 230 | UBX2C330MHL |
| | 47 | 12.5 \times 20 | 0.20 | 400.8 | — | 250 | UBX2C470MHL |
| | 56 | 12.5 \times 25 | 0.20 | 458.4 | — | 270 | UBX2C560MHL |
| | 68 | 16 \times 20 | 0.20 | 535.2 | — | 290 | UBX2C680MHL |
| | 100 | 16 \times 25 | 0.20 | 740 | — | 300 | UBX2C101MHL |
| 200 (2D) | 33 | 12.5 \times 20 | 0.20 | 364 | — | 210 | UBX2D330MHL |
| | 47 | 12.5 \times 25 | 0.20 | 476 | — | 250 | UBX2D470MHL |
| | 56 | 16 \times 20 | 0.20 | 548 | — | 270 | UBX2D560MHL |
| | 68 | 16 \times 25 | 0.20 | 644 | — | 290 | UBX2D680MHL |
| 350 (2V) | 10 | 12.5 \times 20 | 0.24 | 240 | — | 120 | UBX2V100MHL |
| | 15 | 12.5 \times 25 | 0.24 | 310 | — | 130 | UBX2V150MHL |
| 400 (2G) | 6.8 | 12.5 \times 20 | 0.24 | 208.8 | — | 88 | UBX2G6R8MHL |
| | 10 | 12.5 \times 25 | 0.24 | 260 | — | 105 | UBX2G100MHL |
| | 15 | 12.5 \times 25 | 0.24 | 340 | — | 105 | UBX2G150MHL |

For cut leads, formed leads or taped parts, please add the appropriate code after the size code (12th digit).
If there is no size code in the part number, please add size code "1" and then add the appropriate code.

- For formed lead or taped product specifications and minimum order quantity, please refer to the Guidelines for Aluminum Electrolytic Capacitors.

OUR CERTIFICATE

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