

Johanson Product Information for ACDP501W183M2GV002B

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 03 January, 2006

Deprecated P/N: 501R29W183MV6+AQ-\*\*\*\*-AC

Web Page Link:

<https://www.johansondielectrics.com/ac-power-capacitors>

Datasheet Date: 08-12-2024

Description: AC Power Capacitors, 1808, X7R, 500.0V, 0.018 $\mu$ F $\pm$ 20%, Ni/Sn (RoHS), Bulk, AEC Q200 Qualified

Size for Capacitors (EIA): 1808

Thickness (Max): 0.085

Life Cycle Stage: Active - Production

End Band (Min):

AEC Q200 Qualified: 1

End Band (Max):

Schedule B: 8532

Standard Item: 1

ECCN: EAR99

Lead Time Typical (Weeks)\*:

\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes. 9

RoHS Compliance: Yes, RoHS 10/10

REACH: 1

Length (Min): 0.165

Product Family: Capacitors

Length (Max): 0.205

Product Subfamily: Capacitors AC Power

Width (Min): 0.070

Capacitance Value: 0.018

Width (Max): 0.090

Cap Unit of Meas:  $\mu$ F

Packaging: Bulk

Tolerance:  $\pm$ 20%

Operating Temp Range: -55°C to +125°C

Voltage: 500.0

Storage Temp Range (Packaged): -65°C to +125°C

Dielectric Temp Coefficient: X7R

Storage Temp Range (Non Operating): +5°C to +40°C with RH 20% to 70%

Termination: 68

Marking: EIA Mark