



## Johanson Product Information for ACDF501W183J2GV001B

**Johanson Company: Johanson Dielectrics inc.**

Deprecated P/N: 501S41W183JV6-\*\*\*\*-AC

Datasheet Date: 05-29-2023

Description: AC Power Capacitors, 1210, X7R, 500.0V, 0.018 $\mu$ F $\pm$ 5%, Ni/Sn (RoHS), Bulk

Life Cycle Stage: Active - Production

AEC Q200 Qualified: No

Schedule B: 8532.24.0020

Harmonization Code: 8532.24.00.20

ITAR: No

ECCN: EAR99

RoHS Compliance: Yes, RoHS 10/10

REACH: Yes

Product Family: Capacitors

Product Subfamily: AC Power Capacitors

Capacitance Value: 0.018

Cap Unit of Meas:  $\mu$ F

Tolerance:  $\pm$ 5%

Voltage: 500

Dielectric Temp Coefficient: X7R

Termination: Ni/Sn (RoHS)

Marking: EIA Mark

Product Release Date: 03 January, 2006

Web Page Link:

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

Size for Capacitors (EIA): 1210

NCNR: No

Thickness (Max): 0.080

End Band (Min): 0.010

End Band (Max): 0.030

Standard Item: Yes

Length (Min): 0.115

Length (Max): 0.135

Width (Min): 0.085

Width (Max): 0.105

Part Weight (mg): 74.900

Packaging: Bulk

Operating Temp Range: -55°C to +125°C

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

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