

# Johanson Part Number ACDF501W183J2GV002B

Johanson Part Number:  
ACDF501W183J2GV002B

Johanson Company: JDI

Legacy P/N:  
501S41W183JV6+AQ-\*\*\*\*-A  
C

Size for Capacitors (EIA):  
1210

Description: AC Power  
Capacitors, 1210, X7R,  
500.0V, 0.018 $\mu$ F $\pm$ 5%, Ni/Sn  
(RoHS), Bulk, AEC Q200  
Qualified

Specification Number: None

Life Cycle Stage: Active -  
Production

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.080

Schedule B: 8532

Thickness (Min): None

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.030

RoHS Compliance: Yes,  
RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*:  
12

Country of Origin: None

Length (Min): 0.115

Product Family: Capacitors

Length (Max): 0.135

Product Subfamily:  
Capacitors AC Power

Width (Min):0.085

Capacitance Value: 0.018

Width (Max): 0.105

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 74.90

Tolerance:  $\pm$ 5%

Packaged Width (lb) Arm:  
None

Voltage: 500.0

Packaging: Bulk

Dielectric Temp Coefficient:  
X7R

Packaging Qty: None

Termination: 68

Operating Temp Range:  
-55 $^{\circ}$ C to +125 $^{\circ}$ C

Marking: EIA Mark

Storage Temp Range  
(Packaged): -65 $^{\circ}$ C to  
+125 $^{\circ}$ C

Product Release Date: Jan.  
3, 2006, 8 a.m.

Storage Temp Range (None  
Operating): +5 $^{\circ}$ C to +40 $^{\circ}$ C  
with RH 20% to 70%

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

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

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