

# Johanson Part Number ACDF501G680M1GF001E

Johanson Part Number:  
ACDF501G680M1GF001E

Johanson Company: JDI

Legacy P/N:  
501S41N680MF4E-\*\*\*\*-AC

Size for Capacitors (EIA):  
1210

Description: AC Power  
Capacitors, 1210, NP0/C0G  
cap, 500.0V, 68.00pF+20%  
cap, Polyterm Sn (RoHS)  
cap, 7" Reel Embossed Tape  
cap

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

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: 68.000

Width (Max): 0.105

Cap Unit of Meas: pF

Part Weight (mg): 74.90

Tolerance:  $\pm 20\%$

Packaged Width (lb) Arm:  
0.45

Voltage: 500.0

Packaging: 7" Reel  
Embossed Tape

Dielectric Temp Coefficient:  
NP0/C0G

Packaging Qty: None

Termination: 70

Operating Temp Range:  
-55°C to +125°C

Marking: No Mark

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

Product Release Date: Jan.  
4, 2006, 8 a.m.

Storage Temp Range (None  
Operating): +5°C to +40°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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