

# Johanson Part Number QEDB501Q680G1GV001E

Johanson Part Number:  
QEDB501Q680G1GV001E

Johanson Company: JTI

Legacy P/N:  
501S42E680GV4E

Size for Capacitors (EIA):  
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Description: Capacitors  
High-Q MLC E-Series, 1111,  
Hi-Q NP0/C0G, 500V,  
68pF±2%, Ni/Sn (RoHS), 7"  
Reel Embossed Tape

Specification Number:  
35S0144B

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.102

Schedule B: 8532

Thickness (Min): None

ITAR: No

End Band (Min): 0.01

ECCN: EAR99

End Band (max): 0.023

RoHS Compliance: Yes,  
RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*:  
10

Country of Origin: US

Length (Min): 0.100

Product Family: Capacitors

Length (Max): 0.130

Product Subfamily:  
Capacitors High-Q MLC  
E-Series

Width (Min): 0.095

Capacitance Value: 68.000

Width (Max): 0.125

Cap Unit of Meas: pF

Part Weight (mg): 74.90

Tolerance: ±2%

Packaged Width (lb) Arm:  
0.45

Voltage: 500.0

Packaging: 7" Reel  
Embossed Tape

Dielectric Temp Coefficient:  
Hi-Q NP0/C0G

Packaging Qty: 2000

Termination: 68

Operating Temp Range:  
-55 °C to +150 °C

Marking: No Mark

Storage Temp Range  
(Packaged): -65 °C to  
+150 °C

Product Release Date: Jan.  
18, 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.johansontechnology.com/S42E>

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