

# Johanson Part Number

## QEDB501Q470G3GU001W-202412261903231399

Johanson Part Number:  
QEDB501Q470G3GU001W-202412261903231399

Johanson Company: JTI

Legacy P/N: 501S42E470GU3W

Size for Capacitors (EIA): 1111

Description: Capacitors High-Q MLC E-Series, 1111,  
Hi-Q NP0/C0G, 500.0V, 47.000pF±2%, Cu/Sn  
(RoHS), Waffle Pack

Specification Number: 35S0144B

Life Cycle Stage: Active - Production

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.102

Schedule B: 8532.24.00.20

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)\*: 15

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: 47.000

Width (Max): 0.125

Cap Unit of Meas: pF

Part Weight (mg): 74.90

Tolerance: ±2%

Packaged Width (lb) Arm: None

Voltage: 500.0

Packaging: Waffle Pack

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: None

Termination: 6

Operating Temp Range: -55°C to +150°C

Marking: Cap Code & Tol

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%

Harmonization: 8532.24.00.20

\*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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