

# Johanson Part Number QSCF500Q0R5B1GV001T

Johanson Part Number:  
QSCF500Q0R5B1GV001T

Johanson Company: JTI

Legacy P/N:  
500R07S0R5BV4T

Size for Capacitors (EIA):  
0402

Description: Capacitors  
High-Q MLC S-Series, 0402,  
Hi-Q NP0/C0G, 50V,  
0.5pF $\pm$ 0.1pF, Ni/Sn (RoHS),  
7" Reel Paper Tape

Specification Number:  
35S0118E

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.024

Schedule B: 8532

Thickness (Min): 0.016

ITAR: No

End Band (Min): 0.00

ECCN: EAR99

End Band (max): 0.016

RoHS Compliance: Yes,  
RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*:  
8

Country of Origin: US

Length (Min): 0.036

Product Family: Capacitors

Length (Max): 0.044

Product Subfamily:  
Capacitors High-Q MLC  
S-Series

Width (Min): 0.016

Capacitance Value: 0.500

Width (Max): 0.024

Cap Unit of Meas: pF

Part Weight (mg): 1.18

Tolerance:  $\pm$ 0.1pF

Packaged Width (lb) Arm:  
0.30

Voltage: 50.0

Packaging: 7" Reel Paper  
Tape

Dielectric Temp Coefficient:  
Hi-Q NP0/C0G

Packaging Qty: 10000

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.  
3, 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/R07S>

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