

# Johanson Part Number QSCF500Q120K1GV002T

Johanson Part Number: QSCF500Q120K1GV002T

Johanson Company: JTI

Legacy P/N: 500R07S120KV4T-AEC

Size for Capacitors (EIA): 0402

Description: Capacitors High-Q MLC S-Series, 0402,  
Hi-Q NP0/C0G, 50V, 12pF $\pm$ 10%, Ni/Sn (RoHS), 7"  
Reel Paper Tape, AEC Q200

Specification Number: 35S0118E

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.024

Schedule B: 8532.24.00.20

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)\*: 18

Country of Origin: MX or 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: 12.000

Width (Max): 0.024

Cap Unit of Meas: pF

Part Weight (mg): 1.18

Tolerance:  $\pm$ 10%

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%

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/R07S>

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