

# Johanson Part Number QCCF251Q0R5C1GV002T

Johanson Part Number: QCCF251Q0R5C1GV002T

Johanson Company: JTI

Legacy P/N: None

Size for Capacitors (EIA): 0402

Description: Capacitors High-Q MLC C-Series, 0402, Hi-Q NP0/C0G, 250.00V, 0.50pF $\pm$ 0.25pF cap, Ni/Sn (RoHS) cap, 7" Reel Paper Tape cap, AEC Q200 Qualified

Specification Number: 35S0157

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 C-Series

Width (Min): 0.016

Capacitance Value: 0.500

Width (Max): 0.024

Cap Unit of Meas: pF

Part Weight (mg): None

Tolerance:  $\pm$ 0.25pF

Packaged Width (lb) Arm: None

Voltage: 250.0

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): +5°C to +40°C with RH 20% to 70%

Product Release Date: Oct. 16, 2020

Storage Temp Range (None Operating): -65°C to +175°C

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/high-q-multi-layer-capacitors>

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