

Johanson Product Information for QCCT102Q6R8D1GV002E

**Johanson Company: Johanson Technology inc.** Product Release Date: 16 October, 2020

Deprecated P/N:

Web Page Link:

Datasheet Date: 05-18-2024

<https://www.johansontechnology.com/high-q-multi-layer-capacitors>

Description: Capacitors High-Q MLC C-Series, 0805, Hi-Q NP0/C0G, 1,000.00V, 6.80pF±0.5pF, Ni/Sn (RoHS), 7" Reel Embossed Tape, AEC Q200 Qualified

Size for Capacitors (EIA): 0805

Specification Number: 35S0157

Life Cycle Stage: Active - Production

Thickness (Max): 0.046

Thickness (Min): 0.034

AEC Q200 Qualified: 1

End Band (Min):

Schedule B: 8532

End Band (Max):

ECCN: EAR99

Lead Time Typical (Weeks)\*:

\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes. 10

RoHS Compliance: Yes, RoHS 10/10

REACH: 1

Length (Min): 0.072

Country of Origin: US

Length (Max): 0.088

Product Family: Capacitors

Width (Min): 0.042

Product Subfamily: Capacitors High-Q MLC C-Series

Width (Max): 0.058

Capacitance Value: 6.800

Packaging: 7" Reel Embossed Tape

Cap Unit of Meas: pF

Packaging Qty: 4000

Tolerance: ±0.5pF

Operating Temp Range: -55°C to +150°C

Voltage: 1000.0

Storage Temp Range (Packaged): -65°C to +175°C

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Storage Temp Range (Non Operating): +5°C to +40°C with RH 20% to 70%

Termination: 68

Marking: No Mark