

# Johanson Part Number QGCT501Q820G3GU002M

Johanson Part Number: QGCT501Q820G3GU002M

Johanson Company: JTI

Legacy P/N: 501R15G820GU3M

Size for Capacitors (EIA): 0805

Description: Capacitors High-Q MLC G-Series, 0805, Hi-Q NP0/C0G, 500.0V, 82.00pF±2%, Cu/Sn (RoHS), Horizontal Orientation on 5" Reel Embossed Tape, AEC Q200 Qualified

Specification Number: 35S01520

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.046

Schedule B: 8532.24.00.20

Thickness (Min): 0.034

ITAR: No

End Band(Min): 0.01

ECCN: EAR99

End Band (max): 0.030

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 22

Country of Origin: MX or US

Length (Min): 0.072

Product Family: Capacitors

Length (Max): 0.088

Product Subfamily: Capacitors High-Q MLC G-Series

Width (Min):0.042

Capacitance Value: 82.000

Width (Max): 0.058

Cap Unit of Meas: pF

Part Weight (mg): 12.00

Tolerance: ±2%

Packaged Width (lb) Arm: 0.25

Voltage: 500.0

Packaging: Horizontal Orientation on 5" Reel Embossed Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 4000

Termination: 6

Operating Temp Range: -55°C to +125°C

Marking: Cap Code & Tol

Storage Temp Range (Packaged): -65°C to +125°C

Product Release Date: Jan. 19, 2007, 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/high-q-multi-layer-capacitors>

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