

# Johanson Part Number QGCD250Q8R2B1GU002Y

Johanson Part Number: QGCD250Q8R2B1GU002Y

Johanson Company: JTI

Legacy P/N: 250R05G8R2BU4Y-AEC

Size for Capacitors (EIA): 0201

Description: Capacitors High-Q MLC G-Series, 0201, Hi-Q NP0/C0G, 25V, 8.2pF±0.1pF, Cu/Sn (RoHS), 5" Reel Paper Tape, AEC Q200

Specification Number: 35M20690

Life Cycle Stage: EOL

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.013

Schedule B: 8532.24.00.20

Thickness (Min): 0.011

ITAR: No

End Band(Min): None

ECCN: EAR99

End Band (max): 0.008

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 18

Country of Origin: MX or US

Length (Min): 0.023

Product Family: Capacitors

Length (Max): 0.025

Product Subfamily: Capacitors High-Q MLC G-Series

Width (Min):0.011

Capacitance Value: 8.200

Width (Max): 0.013

Cap Unit of Meas: pF

Part Weight (mg): None

Tolerance: ±0.1pF

Packaged Width (lb) Arm: None

Voltage: 25.0

Packaging: 5" Reel Paper Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 500

Termination: 6

Operating Temp Range: -55°C to +125°C

Marking: No Mark

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

Product Release Date: Aug. 24, 2016, 7 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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