

# Johanson Part Number AMEF631W105K1GF002E

Johanson Part Number: AMEF631W105K1GF002E

Johanson Company: JDI

Legacy P/N: None

Size for Capacitors (EIA): 2220

Description: Automotive Grade Mid-Voltage, 2220, X7R, 630.0V, 1.000 $\mu$ F $\pm$ 10%, Polyterm Sn (RoHS), 7" Reel Embossed Tape, AEC Q200 Qualified

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.122

Schedule B: 8532.24.00.20

Thickness (Min): 0.098

ITAR: No

End Band(Min): 0.02

ECCN: EAR99

End Band (max): 0.047

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 14

Country of Origin: TW

Length (Min): 0.205

Product Family: Capacitors

Length (Max): 0.244

Product Subfamily: Capacitors Automotive Grade Mid-Voltage

Width (Min):0.181

Capacitance Value: 1.000

Width (Max): 0.213

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): None

Tolerance:  $\pm$ 10%

Packaged Width (lb) Arm: None

Voltage: 630.0

Packaging: 7" Reel Embossed Tape

Dielectric Temp Coefficient: X7R

Packaging Qty: 500

Termination: 70

Operating Temp Range: -55°C to +125°C

Marking: No Mark

Storage Temp Range (Packaged): -55°C to +125°C

Product Release Date: May 2, 2024, 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.johansondielectrics.com/automotive-grade-mid-voltage-high-capacitance>

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