

# Johanson Part Number EMCP160X224M1GV002T

Johanson Part Number: EMCP160X224M1GV002T

Johanson Company: JDI

Legacy P/N: 160X14X224MV4T+AQ

Size for Capacitors (EIA): 0603

Description: EMI Filters, 0603, X5R, 16V,  
0.22 $\mu$ F $\pm$ 20%, Ni/Sn (RoHS), 7" Reel Paper Tape,  
AEC Q200

Specification Number: None

Life Cycle Stage: EOL

NCNR: No

AEC Q200 Qualified: Yes

Thickness (Max): 0.026

Schedule B: 8532.24.00.20

Thickness (Min): None

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)\*: 0

Country of Origin: US, MX, or CN

Length (Min): 0.059

Product Family: Capacitors

Length (Max): 0.069

Product Subfamily: EMI Filters

Width (Min):0.030

Capacitance Value: 0.220

Width (Max): 0.040

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 8.00

Tolerance:  $\pm$ 20%

Packaged Width (lb) Arm: None

Voltage: 16.0

Packaging: 7" Reel Paper Tape

Dielectric Temp Coefficient: X5R

Packaging Qty: 4000

Termination: 68

Operating Temp Range: -55°C to +85°C

Marking: No Mark

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

Product Release Date: June 17, 2009, 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/emi-filter-decoupling-capacitors>

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