

# Johanson Part Number EMCT500W223M1GF001E

Johanson Part Number: EMCT500W223M1GF001E

Johanson Company: JDI

Legacy P/N: 500X15W223MF4E

Size for Capacitors (EIA): 0805

Description: EMI Filters, 0805, X7R, 50V,  
0.022 $\mu$ F $\pm$ 20%, Polyterm Sn (RoHS), 7" Reel  
Embossed Tape

Specification Number: None

Life Cycle Stage: Active

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.040

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.00

ECCN: EAR99

End Band (max): 0.020

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 20

Country of Origin: US, MX, or CN

Length (Min): 0.072

Product Family: Capacitors

Length (Max): 0.088

Product Subfamily: EMI Filters

Width (Min):0.042

Capacitance Value: 0.020

Width (Max): 0.058

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 24.00

Tolerance:  $\pm$ 20%

Packaged Width (lb) Arm: None

Voltage: 50.0

Packaging: 7" Reel Embossed Tape

Dielectric Temp Coefficient: X7R

Packaging Qty: 4000

Termination: 70

Operating Temp Range: -55°C to +125°C

Marking: No Mark

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

Product Release Date: Jan. 4, 2006, 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.johansondielectrics.com/emi-filter-decoupling-capacitors>

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