

# Johanson Part Number TDCF160W223K1GV001R

Johanson Part Number: TDCF160W223K1GV001R

Johanson Company: JDI

Legacy P/N: 160R07W223KV4R

Size for Capacitors (EIA): 0402

Description: Capacitors SMT, X7R, 0402, 16V,  
0.022 $\mu$ F $\pm$ 10%, Ni/Sn (RoHS), 13" Reel Paper Tape

Specification Number: None

Life Cycle Stage: EOL

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.025

Schedule B: 8532.24.00.20

Thickness (Min): None

ITAR: No

End Band(Min): 0.00

ECCN: EAR99

End Band (max): 0.012

RoHS Compliance: Yes, RoHS 10/10

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 12

Country of Origin: US, MX, or CN

Length (Min): 0.036

Product Family: Capacitors

Length (Max): 0.044

Product Subfamily: Capacitors Surface Mount <  
500V

Width (Min):0.016

Capacitance Value: 0.020

Width (Max): 0.024

Cap Unit of Meas:  $\mu$ F

Part Weight (mg): 2.20

Tolerance:  $\pm$ 10%

Packaged Width (lb) Arm: None

Voltage: 16.0

Packaging: 13" Reel Paper Tape

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 68

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/surface-mount-mlc-capacitors>

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