

# Johanson Part Number HRFF501W224KZQA001C

Johanson Part Number: HRFF501W224KZQA001C

Johanson Company: JDI

Legacy P/N: 501T4AW224KR3C-250

Size for Capacitors (EIA): 3533

Description: Capacitors High-Temperature Radial  
250°, 3533, X7R, 500.0V, 0.22µF±10%, Black  
Composite Case w/ Radial Wire (Ni/SnPb),  
Non-Conductive Bags

Specification Number: None

Life Cycle Stage: Under development - Can be  
forecasted (no orders accepted)

NCNR: No

AEC Q200 Qualified: No

Thickness (Max): 0.250

Schedule B: 8532.24.00.60

Thickness (Min): None

ITAR: No

End Band(Min): None

ECCN: EAR99

End Band (max): None

RoHS Compliance: No

Standard Item: Yes

REACH: Yes

Lead Time Typical (Weeks)\*: 20

Country of Origin: MX or US

Length (Min): None

Product Family: Capacitors

Length (Max): 0.400

Product Subfamily: Capacitors High-Temperature  
Radial 250°

Width (Min):None

Capacitance Value: 0.220

Width (Max): 0.420

Cap Unit of Meas: µF

Part Weight (mg): None

Tolerance: ±10%

Packaged Width (lb) Arm: None

Voltage: 500.0

Packaging: Non-Conductive Bags

Dielectric Temp Coefficient: X7R

Packaging Qty: None

Termination: 127

Operating Temp Range: -55°C to +250°C

Marking: Special

Storage Temp Range (Packaged): -65°C to +250°C

Product Release Date: April 24, 2006, 7 a.m.

Storage Temp Range (None Operating): +5°C to  
+40°C with RH 20% to 70%

Harmonization: 8532.24.00.60

\*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/200-c-rated-radial-leaded-capacitors>

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