

Johanson Product Information for ACDF501W223M1GF001E

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 03 January, 2006

Deprecated P/N: 501S41W223MF4E-\*\*\*\*-AC

Web Page Link:

<https://www.johansondielectrics.com/ac-power-capacitors>

Datasheet Date: 12-01-2023

Description: AC Power Capacitors, 1210, X7R, 500.0V, 0.022 $\mu$ F $\pm$ 20%, Polyterm Sn (RoHS), 7" Reel Embossed Tape

Size for Capacitors (EIA): 1210

Thickness (Max): 0.080

Life Cycle Stage: Active - Production

Thickness (Min): 0.000

Schedule B: 8532

End Band (Min):

ECCN: EAR99

End Band (Max):

RoHS Compliance: Yes, RoHS 10/10

Length (Min): 0.115

Product Family: Capacitors

Length (Max): 0.135

Product Subfamily: Capacitors AC Power

Width (Min): 0.085

Capacitance Value: 0.022

Width (Max): 0.105

Cap Unit of Meas:  $\mu$ F

Packaged Weight (lb) Arm: 0.45

Tolerance:  $\pm$ 20%

Packaging: 7" Reel Embossed Tape

Voltage: 500.0

Operating Temp Range: -55 $^{\circ}$ C to +125 $^{\circ}$ C

Dielectric Temp Coefficient: X7R

Storage Temp Range (Packaged): -65 $^{\circ}$ C to +125 $^{\circ}$ C

Termination: 70

Storage Temp Range (Non Operating): +5 $^{\circ}$ C to +40 $^{\circ}$ C with RH 20% to 70%

Marking: No Mark