

Johanson Company: Johanson Dielectrics inc.

Product Release Date: 10 January, 2006

Deprecated P/N: 501S49W823MF6E-****-AC

Web Page Link:

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

Datasheet Date: 07-27-2024

Description: AC Power Capacitors, 1825, X7R,
500.0V, 0.082 μ F \pm 20%, Polyterm Sn (RoHS), 7"
Reel Embossed Tape

Size for Capacitors (EIA): 1825

Thickness (Max): 0.140

Life Cycle Stage: Active - Production

End Band (Min):

Schedule B: 8532

End Band (Max):

ECCN: EAR99

Standard Item: 1

RoHS Compliance: Yes, RoHS 10/10

Lead Time Typical (Weeks)*:

*This can vary significantly so it is important
to obtain a quotation with lead time for
production planning purposes. 11

REACH: 1

Product Family: Capacitors

Length (Min): 0.170

Product Subfamily: Capacitors AC Power

Length (Max): 0.190

Capacitance Value: 0.082

Width (Min): 0.240

Cap Unit of Meas: μ F

Width (Max): 0.260

Tolerance: \pm 20%

Packaging: 7" Reel Embossed Tape

Voltage: 500.0

Operating Temp Range: -55°C to +125°C

Dielectric Temp Coefficient: X7R

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

Termination: 70

Storage Temp Range (Non Operating): +5°C to
+40°C with RH 20% to 70%

Marking: EIA Mark