

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 02 January, 2006

Deprecated P/N: 501R18W273JF4-\*\*\*\*-AC

Web Page Link:

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

Datasheet Date: 05-08-2024

Description: AC Power Capacitors, 1206, X7R,  
500.0V, 0.027 $\mu$ F $\pm$ 5%, Polyterm Sn (RoHS), Bulk

Size for Capacitors (EIA): 1206

Thickness (Max): 0.067

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): 0.115

Product Subfamily: Capacitors AC Power

Length (Max): 0.135

Capacitance Value: 0.027

Width (Min): 0.052

Cap Unit of Meas:  $\mu$ F

Width (Max): 0.072

Tolerance:  $\pm$ 5%

Packaging: Bulk

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: No Mark