

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 10 January, 2006

Deprecated P/N: 302S49W181KF4E-\*\*\*\*-AC

Web Page Link:

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

Datasheet Date: 04-27-2024

Description: AC Power Capacitors, 1825, X7R cap,  
3,000.0V, 180.00pF $\pm$ 10% cap, Polyterm Sn (RoHS)  
cap, 7" Reel Embossed Tape cap

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: 180.000

Width (Min): 0.240

Cap Unit of Meas: pF

Width (Max): 0.260

Tolerance:  $\pm$ 10%

Packaging: 7" Reel Embossed Tape

Voltage: 3000.0

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