

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 10 January, 2006

Deprecated P/N: 202S49W682KT6E-\*\*\*\*-AC

Web Page Link:

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

Datasheet Date: 04-25-2024

Description: AC Power Capacitors, 1825, X7R cap,  
2,000.0V, 6,800.00pF $\pm$ 10% cap, Ni/SnPb cap, 7"  
Reel Embossed Tape cap

Size for Capacitors (EIA): 1825

NCNR: 1

Life Cycle Stage: Active - Production

Thickness (Max): 0.140

Schedule B: 8532

End Band (Min):

ECCN: EAR99

End Band (Max):

RoHS Compliance: No

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: 6800.000

Width (Min): 0.240

Cap Unit of Meas: pF

Width (Max): 0.260

Tolerance:  $\pm$ 10%

Packaging: 7" Reel Embossed Tape

Voltage: 2000.0

Operating Temp Range: -55°C to +125°C

Dielectric Temp Coefficient: X7R

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

Termination: 6

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

Marking: EIA Mark