

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 04 January, 2006

Deprecated P/N: 102S41N470KV6E+AQ-\*\*\*\*-AC

Web Page Link:

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

Datasheet Date: 04-26-2024

Description: AC Power Capacitors, 1210, NP0/C0G cap, 1,000.0V, 47.00pF $\pm$ 10% cap, Ni/Sn (RoHS) cap, 7" Reel Embossed Tape cap, AEC Q200 Qualified

Size for Capacitors (EIA): 1210

Thickness (Max): 0.080

End Band (Min):

End Band (Max):

Standard Item: 1

Lead Time Typical (Weeks)\*:

\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes. 9

Life Cycle Stage: Active - Production

AEC Q200 Qualified: 1

Schedule B: 8532

ECCN: EAR99

RoHS Compliance: Yes, RoHS 10/10

Length (Min): 0.115

REACH: 1

Length (Max): 0.135

Product Family: Capacitors

Width (Min): 0.085

Product Subfamily: Capacitors AC Power

Width (Max): 0.105

Capacitance Value: 47.000

Packaged Weight (lb) Arm: 0.45

Cap Unit of Meas: pF

Packaging: 7" Reel Embossed Tape

Tolerance:  $\pm$ 10%

Operating Temp Range: -55°C to +125°C

Voltage: 1000.0

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

Dielectric Temp Coefficient: NP0/C0G

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

Termination: 68

Marking: EIA Mark