

**Johanson Company: Johanson Dielectrics inc.**

Product Release Date: 02 January, 2006

Deprecated P/N: 501R18N560JV4E+AQ-\*\*\*\*-AC

Web Page Link:

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

Datasheet Date: 04-24-2024

Description: AC Power Capacitors, 1206, NP0/C0G cap, 500.0V, 56.00pF $\pm$ 5% cap, Ni/Sn (RoHS) cap, 7" Reel Embossed Tape cap, AEC Q200 Qualified

Size for Capacitors (EIA): 1206

Thickness (Max): 0.067

Life Cycle Stage: Active - Production

End Band (Min):

AEC Q200 Qualified: 1

End Band (Max):

Schedule B: 8532

Standard Item: 1

ECCN: EAR99

Lead Time Typical (Weeks)\*:

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

RoHS Compliance: Yes, RoHS 10/10

REACH: 1

Length (Min): 0.115

Product Family: Capacitors

Length (Max): 0.135

Product Subfamily: Capacitors AC Power

Width (Min): 0.052

Capacitance Value: 56.000

Width (Max): 0.072

Cap Unit of Meas: pF

Packaging: 7" Reel Embossed Tape

Tolerance:  $\pm$ 5%

Packaging Qty: 3000

Voltage: 500.0

Operating Temp Range: -55°C to +125°C

Dielectric Temp Coefficient: NP0/C0G

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

Termination: 68

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

Marking: No Mark