

**Johanson Company: Johanson Technology inc.** Product Release Date: 16 October, 2020

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<https://www.johansontechnology.com/high-q-multi-layer-capacitors>Description: Capacitors Hi-Q, 0603, Hi-Q NP0/C0G, 500V, 5.1pF $\pm$ 0.05pF, Ni/Sn (RoHS), 7" Reel Paper Tape

Size for Capacitors (EIA): 0603

Specification Number: 35S0157

Life Cycle Stage: Active - Production

Thickness (Max): 0.035

Schedule B: 8532

Thickness (Min): 0.027

ECCN: EAR99

End Band (Min):

RoHS Compliance: Yes, RoHS 10/10

End Band (Max):

REACH: 1

Lead Time Typical (Weeks)\*:

\*This can vary significantly so it is important to obtain a quotation with lead time for production planning purposes. 10

Country of Origin: US

Product Family: Capacitors

Length (Min): 0.056

Product Subfamily: Capacitors High-Q MLC C-Series

Length (Max): 0.068

Capacitance Value: 5.100

Width (Min): 0.026

Cap Unit of Meas: pF

Width (Max): 0.038

Tolerance:  $\pm$ 0.05pF

Packaging: 7" Reel Paper Tape

Voltage: 500.0

Packaging Qty: 4000

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Operating Temp Range: -55°C to +150°C

Termination: 68

Storage Temp Range (Packaged): -65°C to +175°C

Marking: No Mark

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