

**Johanson Company: Johanson Technology inc.** Product Release Date: 03 January, 2006

Deprecated P/N: 500R07S5R1BV4T

Web Page Link:

<https://www.johansontechnology.com/R07S>

Datasheet Date: 05-28-2024

Size for Capacitors (EIA): 0402

Description: Capacitors High-Q MLC S-Series,  
0402, Hi-Q NP0/C0G, 50V, 5.1pF $\pm$ 0.1pF, Ni/Sn  
(RoHS), 7" Reel Paper Tape

Specification Number: 35S0118E

Life Cycle Stage: Active - Production

Thickness (Max): 0.024

Schedule B: 8532

Thickness (Min): 0.016

ECCN: EAR99

End Band (Min):

RoHS Compliance: Yes, RoHS 10/10

End Band (Max):

REACH: 1

Standard Item: 1

Country of Origin: US

Lead Time Typical (Weeks)\*:

\*This can vary significantly so it is important  
to obtain a quotation with lead time for  
production planning purposes. 8

Product Family: Capacitors

Length (Min): 0.036

Product Subfamily: Capacitors High-Q MLC S-  
Series

Length (Max): 0.044

Capacitance Value: 5.100

Width (Min): 0.016

Cap Unit of Meas: pF

Width (Max): 0.024

Tolerance:  $\pm$ 0.1pF

Packaged Weight (lb) Arm: 0.30

Voltage: 50.0

Packaging: 7" Reel Paper Tape

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Packaging Qty: 10000

Termination: 68

Operating Temp Range: -55°C to +150°C

Marking: No Mark

Storage Temp Range (Packaged): -65°C to  
+150°C



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