

**Johanson Company: Johanson Technology inc.** Product Release Date: 18 January, 2006

Deprecated P/N: 102S42E7R5BV4E

Web Page Link:

<https://www.johansontechnology.com/S42E>

Datasheet Date: 05-29-2024

Size for Capacitors (EIA): 1111

Description: Capacitors High-Q MLC E-Series,  
1111, Hi-Q NP0/C0G, 1,000.00V, 7.50pF $\pm$ 0.1pF  
cap, Ni/Sn (RoHS) cap, 7" Reel Embossed Tape  
cap

Specification Number: 35S0144B

Thickness (Max): 0.102

Life Cycle Stage: Active - Production

End Band (Min):

Schedule B: 8532

End Band (Max):

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. 10

RoHS Compliance: Yes, RoHS 10/10

REACH: 1

Length (Min): 0.100

Country of Origin: US

Length (Max): 0.130

Product Family: Capacitors

Width (Min): 0.095

Product Subfamily: Capacitors High-Q MLC E-  
Series

Width (Max): 0.125

Capacitance Value: 7.500

Packaging: 7" Reel Embossed Tape

Cap Unit of Meas: pF

Packaging Qty: 2000

Tolerance:  $\pm$ 0.1pF

Operating Temp Range: -55°C to +150°C

Voltage: 1000.0

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

Dielectric Temp Coefficient: Hi-Q NP0/C0G

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

Termination: 68

Marking: No Mark