

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

Deprecated P/N: 102S42E6R2BV4E

Web Page Link:

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

Datasheet Date: 04-10-2024

Size for Capacitors (EIA): 1111

Description: Capacitors High-Q MLC E-Series,
1111, Hi-Q NP0/C0G, 1000V, 6.2pF $\pm$ 0.1pF, Ni/Sn
(RoHS), 7" Reel Embossed Tape

Specification Number: 35S0144B

Thickness (Max): 0.102

Life Cycle Stage: Active - Production

End Band (Min):

Schedule B: 8532

End Band (Max):

ECCN: EAR99

Standard Item: 1

RoHS Compliance: Yes, RoHS 10/10

Lead Time Typical (Weeks)*:

*This can vary significantly so it is important
to obtain a quotation with lead time for
production planning purposes. 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: 6.200

Packaged Weight (lb) Arm: 0.45

Cap Unit of Meas: pF

Packaging: 7" Reel Embossed Tape

Tolerance: $\pm$ 0.1pF

Packaging Qty: 2000

Voltage: 1000.0

Operating Temp Range: -55°C to +150°C

Dielectric Temp Coefficient: Hi-Q NP0/C0G

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

Termination: 68

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

Marking: No Mark