

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

Deprecated P/N: 301S42E161KV4E

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, 300V, 160pF $\pm$ 10%, Ni/Sn  
(RoHS), 7" Reel Embossed Tape

Specification Number: 35S0144B

Life Cycle Stage: Active - Production

Thickness (Max): 0.102

Schedule B: 8532

End Band (Min):

ECCN: EAR99

End Band (Max):

RoHS Compliance: Yes, RoHS 10/10

Standard Item: 1

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

Length (Min): 0.100

Product Family: Capacitors

Length (Max): 0.130

Product Subfamily: Capacitors High-Q MLC E-  
Series

Width (Min): 0.095

Capacitance Value: 160.000

Width (Max): 0.125

Cap Unit of Meas: pF

Packaged Weight (lb) Arm: 0.45

Tolerance:  $\pm$ 10%

Packaging: 7" Reel Embossed Tape

Voltage: 300.0

Packaging Qty: 2000

Dielectric Temp Coefficient: Hi-Q NP0/C0G

Operating Temp Range: -55°C to +150°C

Termination: 68

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

Marking: No Mark

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