

# Johanson Part Number VPCT501W103M1GV002B

Johanson Part Number: VPCT501W103M1GV002B	Johanson Company: JDI
Legacy P/N: 501R15W103MV4+AQ	Size for Capacitors (EIA): 0805
Description: Capacitors HVS PME, 0805, X7R, 500V, 0.01 $\mu$ F $\pm$ 20%, Ni/Sn (RoHS), Bulk, AEC Q200	Specification Number: None
Life Cycle Stage: Active	NCNR: No
AEC Q200 Qualified: Yes	Thickness (Max): 0.055
Schedule B: 8532.24.00.20	Thickness (Min): None
ITAR: No	End Band(Min): 0.01
ECCN: EAR99	End Band (max): 0.030
RoHS Compliance: Yes, RoHS 10/10	Standard Item: Yes
REACH: Yes	Lead Time Typical (Weeks)*: 16
Country of Origin: US, MX, TW, or CN	Length (Min): 0.070
Product Family: Capacitors	Length (Max): 0.090
Product Subfamily: Capacitors High Voltage SMD $\geq$ 500V	Width (Min):0.040
Capacitance Value: 0.010	Width (Max): 0.060
Cap Unit of Meas: $\mu$ F	Part Weight (mg): 12.00
Tolerance: $\pm$ 20%	Packaged Width (lb) Arm: None
Voltage: 500.0	Packaging: Bulk
Dielectric Temp Coefficient: X7R	Packaging Qty: None
Termination: 68	Operating Temp Range: -55 $^{\circ}$ C to +125 $^{\circ}$ C
Marking: No Mark	Storage Temp Range (Packaged): -65 $^{\circ}$ C to +125 $^{\circ}$ C
Product Release Date: Jan. 3, 2006, 8 a.m.	Storage Temp Range (None Operating): +5 $^{\circ}$ C to +40 $^{\circ}$ C with RH 20% to 70%
Harmonization: 8532.24.00.20	

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

Web Page Link: <https://www.johansondielectrics.com/high-voltage-mlc-capacitors>

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