

# Johanson Part Number VPEF501W224M1GF001B

Johanson Part Number: VPEF501W224M1GF001B	Johanson Company: JDI
Legacy P/N: 501S47W224MF4	Size for Capacitors (EIA): 2220
Description: Capacitors HVS PME, 2220, X7R, 500V, 0.22 $\mu$ F $\pm$ 20%, Polyterm Sn (RoHS), Bulk	Specification Number: None
Life Cycle Stage: Active	NCNR: No
AEC Q200 Qualified: No	Thickness (Max): 0.150
Schedule B: 8532.24.00.20	Thickness (Min): None
ITAR: No	End Band(Min): 0.01
ECCN: EAR99	End Band (max): 0.040
RoHS Compliance: Yes, RoHS 10/10	Standard Item: Yes
REACH: Yes	Lead Time Typical (Weeks)*: 18
Country of Origin: US, MX, TW, or CN	Length (Min): 0.210
Product Family: Capacitors	Length (Max): 0.240
Product Subfamily: Capacitors High Voltage SMD $\geq$ 500V	Width (Min):0.185
Capacitance Value: 0.220	Width (Max): 0.215
Cap Unit of Meas: $\mu$ F	Part Weight (mg): None
Tolerance: $\pm$ 20%	Packaged Width (lb) Arm: None
Voltage: 500.0	Packaging: Bulk
Dielectric Temp Coefficient: X7R	Packaging Qty: None
Termination: 70	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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