



MIL-PRF-39006/33 TWA SERIES



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BASIC OVERVIEW

The TWA SERIES - MIL-PRF-39006/33 Series is a Military Conventional Wet Tantalum Capacitor that can achieve ratings from M level up to P level.

This means that the Failure rate level (%/1000 hour) for M = 1.0 and P = 0.1

TWA is an axial leaded wet electrolytic tantalum capacitor with a unique cathode system that promotes a very high CV (Capacitance/Voltage) per cc.

APPLICATIONS

- Avionics
- Industrial
- Down Hole Oil-Drilling
- Military
- Input and Output Filtering
- Energy Storage

GENERAL CHARACTERISTICS

Features & Benefits:

- Series include T3 (D) and T4 (E) case size.
- Voltage ratings: 470-1800 μ F / 25-75V
- Operating Temperature -55°C to 125°C
- Capability of meeting mechanical shock and vibration requirements of MIL-PRF-39006
- Failure rate in M and P Level (going to level „R“ in the future)

KEY SPECIFICATIONS

- Temperature Range: -55°C / +125°C
- Tantalum Wet Electrolytic, Leaded
- Robust Design for Long Operation Lifetime
- Series Cover:
 - 2 Case Sizes Available: T3, T4
 - CV Range: 470-1800 μ F / 25-75V

TOP SELLING POINTS / CHARACTERISTICS

- High-Reliability Series
- MIL-PRF-39006/33 Series
- Ratings M level and P level





COMPETITOR CROSS SERIES

VISHAY - Wet Tantalum Capacitors, Extended Capacitance, Military Established Reliability Military MIL-PRF-M39006/33 Qualified, Style CLR93

IMMEDIATELY AVAILABLE PART NUMBERS

M39006/33-0007 -1007	M39006/33-0029 -1029
M39006/33-0008 -1008	M39006/33-0030 -1030
M39006/33-0009 -1009	M39006/33-0039 -1039
M39006/33-0010 -1010	M39006/33-0040 -1040
M39006/33-0017 -1017	M39006/33-0049 -1049
M39006/33-0018 -1018	M39006/33-0050 -1050
M39006/33-0019 -1019	
M39006/33-0020 -1020	

FAQ'S

Q: What is the difference between M and P levels?

A: M level is 1%/1000 hour failure rate and P level is 0.1%/1000 hour failure rate.



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