



# WET ELECTROLYTIC TANTALUM TWA-X 230°C



Scan code  
for Web Page



[http://datasheets.avx.com/AVX-TWA\\_X-Series.pdf](http://datasheets.avx.com/AVX-TWA_X-Series.pdf)

## BASIC OVERVIEW & POSITIONING

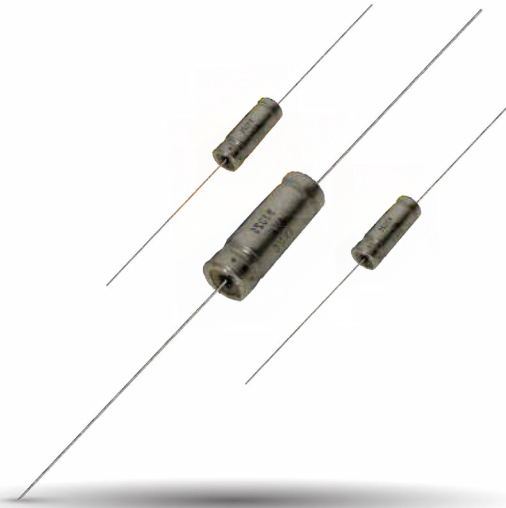
- Hi-Rel
- Tantalum Wet Electrolytic, Leaded
- T4 case sizes available
- CV range: 330–400  $\mu\text{F}$  / 100-125V
- Temp. range:  $-55/+230^{\circ}\text{C}$
- 100% surge screening

## APPLICATIONS

- Avionics
- Industrial
- Down hole
- Military

## FEATURES & TOP SELLING POINTS

- Stable electrical parameters over operation temperature
- Capable of up to 2000 hours at  $230^{\circ}\text{C}$  / derated voltage
- Hermetically sealed
- High-Reliability
- Long-life
- Harsh shock and vibration requirements of MIL-PRF-39006
- High capacitance / voltage
- RoHS Compliant and lead-free terminations
- Supplied in loose in Bag or Box





# WET ELECTROLYTIC TANTALUM TWA-X 230°C



Scan code  
for Web Page



[http://datasheets.avx.com/AVX-TWA\\_X-Series.pdf](http://datasheets.avx.com/AVX-TWA_X-Series.pdf)

## HOW TO ORDER:

<b>TWA</b>	<b>E</b>	<b>407</b>	<b>*</b>	<b>100</b>	<b>□</b>	<b>B</b>	<b>X</b>	<b>Z</b>	<b>0</b>	<b>^</b>	<b>00</b>
Type	Case Size	Capacitance Code pF code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow)	Capacitance Tolerance K = ±10% M = ±20%	Voltage Code	Insulation Sleeve C = Without Sleeve S = With Sleeve	Packaging B = Tray Pack	Qualification X = High-Temp up to 230°C	Reliability Z = Non-ER	Qualification Level 0 = N/A	Termination Finish 0 = Sn/Pb 60/40 7 = Matte tin	Custom Test Options 00 = Standard



For RoHS compliant products, please select correct termination style.

## SERIES CROSS:

AVX SERIES	COMPETITOR	COMPETITOR SERIES
TWA-Y	Vishay	TII

## FAQ'S

Q: How long can the capacitor be used at 230°C?

A: For selected codes, up to 2000 hours.

Q: What happens to the capacitor after 2000 hours?

A: The capacitor will continue to work, but there may be a parametric shift.



### NORTH AMERICA

Allen Mayar  
Product Marketing Manager  
TEL: +1-864-228-4540  
Email: [allen.mayar@avx.com](mailto:allen.mayar@avx.com)

### EUROPE

Gordon Hoey  
Global Marketing Manager  
TEL: +44-0-7971-177709  
Email: [hoeyg@flt.avx.com](mailto:hoeyg@flt.avx.com)

### ASIA

Kelvin Ong  
Marketing Manager  
TEL: +65-6286-7555  
Email: [kelvin.ong@asia.avx.com](mailto:kelvin.ong@asia.avx.com)

### JAPAN

Stanley Sung  
Director of Sales & Marketing  
TEL: +81-740-32-1250  
Email: [stanley.sung@avx.com](mailto:stanley.sung@avx.com)