

HighRel Tantalum

TAJ ESCC, TAJ CECC, TES, TBJ, TBM, TAZ, TBC, TCH, THH,
TWA, TWA-E, TWC, TWD, TWM, CWR09/11/19/29, TCP, NBS, NBM

Tantalum Monthly Update

October 2014



Scan Code for
Datasheet



Basic Overview

As tantalum technology continues to develop, we are able to offer extended ratings providing more downsizing opportunities, higher capacitance ratings, new case sizes and Low ESR options for critical output filtering applications. Combining this with in-line reliability grading capability for all chip capacitor series, we are able to supply these products to the most demanding applications.

Markets

Medical, Military, Avionics, Hi-Rel

Applications

- Aerospace
- Medical
- Avionics
- Satellites

Top Selling Points

- ESA & MIL qualified plants
- Aerospace screening options
- Dedicated space products
- Low ESR and miniature designs
- Wide temperature range -55/+230°C

Unique Features

- COTS-Plus – Weibull grade: Extended range / Low ESR Series
- ESA QPL qualified products
- DSCC Drawing
- MIL QPL 55365 – (Including MIL “T” Level)
- SRC9000 Space Level
- Medical Grade

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How to Order

TCH

Type

9

Case Size
See table above

107

Capacitance Code

pF code:
1st two digits represent significant figures
3rd digit represents multiplier (number of zeros to follow)

M

Tolerance
M = $\pm 20\%$

035

Rated DC Voltage

| | |
|-------------|--------------|
| 010 = 10Vdc | 060 = 50Vdc |
| 016 = 16Vdc | 063 = 63Vdc |
| 020 = 20Vdc | 075 = 75Vdc |
| 025 = 25Vdc | 100 = 100Vdc |
| 035 = 35Vdc | |

W

Packaging
W = Waffle
B = Bulk

0055

ESR in m Ω

U

Termination
J = 'J' lead
U = Undertab

Catalogue

Latest electronic version of "**High Reliability Tantalum Capacitors**" catalogue available on the AVX web sites. Click [here](#) to download.

Note for Tick users:

Matrices, datasheets and monthly update document are also available at the Tick Bulletin Board.

Contact Information

North America

Europe

Asia

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

Tomas Zednicek
Technical Marketing Manager
TEL: (+420) 465 358 126
Email: tomas.zednicek@eur.avx.com

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