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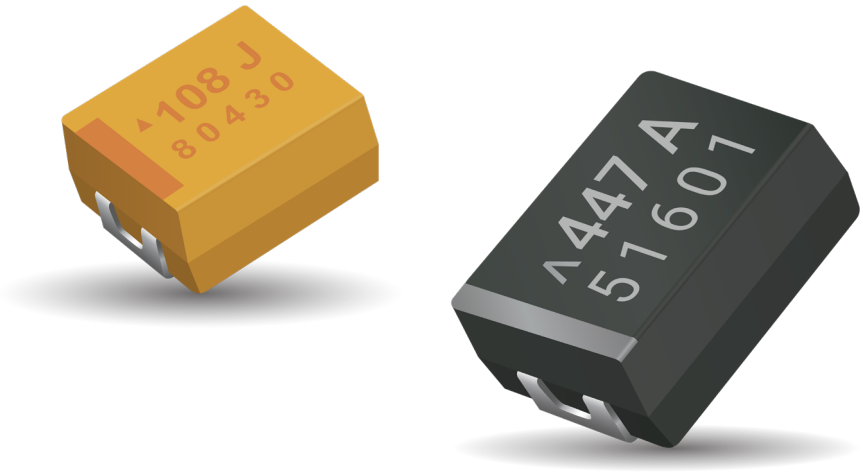
KYOCERA AVX

STANDARD PRODUCT PORTFOLIO

ELECTROLYTIC CAPACITORS

TANTALUM / MnO_2 | CONDUCTIVE POLYMER



KEY FEATURES:

TANTALUM/MnO_2

- Industry's Smallest MnO_2 Case Size
- Highest Rated Temperature (230°C)
- Largest Automotive Portfolio
- Wide High Reliability Portfolio

CONDUCTIVE POLYMER

- Highest Rated Voltage (+125V)
- AEC-Q200 Qualified
- Industry's Highest Energy Density
- Suitable for High Reliability Applications

ELECTROLYTIC
CAPACITORS

TANTALUM/MnO_2

KYOCERA AVX is the number one tantalum capacitor supplier with manufacturing plants worldwide, providing flexibility and capacity for all electronic industry demands. We are the global leader in MnO_2 solid tantalum technology, including the world's smallest case size tantalum chips, sharing common footprints with Hi CV MLCC.

Series	Features	Applications
THJ	High Temperature (Up to 200°C)	Automotive & Down Hole
THH	Hermetically Sealed & High Temperature (Up to 230°C) | **COTS-Plus**	Down Hole & Jet Engines
TLJ / TLN	Hi CV Consumer Series	IoT & Tablets
TLC / TAC / TPC	TACmicrochip®	Hearing Aids & Sensors Miniature Design
TMJ	Low DCL	Avionics & Reliability Demanding Applications
F72 / F75 / F95	Low Profile & Hi CV Conformal Coated	Switching Power Supplies, Energy Hold Up & Wireless Module
TAJ / TRJ / F92 / F93 / F97	Standard & Automotive Resin Molded Chips	General Low Power DC/DC & LDO
TPS / TPM / TRM / F91	Low ESR Standard & Automotive	General Medium/High Power DC/DC & LDO
TAP	Solid Dipped Radial	General Low Power DC/DC & LDO
TCS / TC / TCT	Small Case Size & Low Profile	IoT, Sensors, Low Power DC/DC & LDO Regulator

CONDUCTIVE POLYMER

KYOCERA AVX offers a broad range of conductive polymer solid electrolytic capacitors, featuring high capacitance in standard and low profile case sizes, low ESR and high ripple current feature, making them a good choice in MLCC substitution applications.

Series	Features	Applications
TCJ	Polymer Chips	Smartphones, Server, & Notebooks
TCM	Low ESR & Multi Anode	Server, Routers, & Base Stations
TCH	Hermetically Sealed & High Endurance | **COTS-Plus**	Satellite, Aerospace, & Defense
J-Cap™	Undertab & Highest Energy	SSD, Smartphones, & DC/DC Converter
TCN	Hi CV Low Profile Undertab	Wearables, IoT, & DC/DC Converter
TCB	AEC-Q200 (Up to 150°C)	Automotive
TCB	COTS-Plus	Aerospace, Defense, & Safety Systems
TCS	Multi Anode COTS-Plus	Aerospace, Defense, & Safety Systems
TCS ESCC	Multi Anode (Space)	ESA Space
TCO / TCSO / TCTO	Hi CV Consumer Series	IoT, Computers, Sensors, & SSD

Please visit WWW.KYOCERA-AVX.COM to learn more about High Reliability Tantalum Capacitors & to view our online SPITAN Simulation Software and SEARCH for the Part Number Builder.

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