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ALUMINUM ELECTROLYTIC CAPACITORS

are primarily categorized by packaging type:
Radial & Axial and surface mount (SMD).

Radial & Axial Aluminum Electrolytic Capacitors Packaging:

Radial through-hole capacitors have pins extending from the same side and are typically used for mounting on a circuit board.

Axial through-hole capacitors have pins extending from opposite ends of the capacitor, also known as leaded capacitors, and are often used in specialized applications.

Packaging: **Radial capacitors** are packaged in bulk or Ammo. **Axial packaged in bulk.**

Surface Mount Aluminum Electrolytic Capacitors SMD Packaging:

This type of capacitor is suitable for **SMT (surface mount technology)**, which greatly improves soldering efficiency and is commonly used in modern electronic devices such as smartphones.

Packaging Type: **Paper Reel or Plastic Reel.**



ALUMINUM ELECTROLYTIC CAPACITORS

SMD TYPE - ALUMINUM ELECTROLYTIC CAPACITORS

TS13C0 ----- -40°C~85°C 2000Hours Standard.
 TS13C1 ----- -55°C~105°C 2000Hours Wide Temperature.
 TS13C2 ----- -40°C~105°C 1000Hours Bi-Polarized.
 TS13C3 ----- -55°C~105°C 2000Hours Bi-Polarized.
 TS13C4 ----- -55°C~105°C 2000Hours Low Impedance.
 TS13C5 ----- -55°C~105°C 3000Hours Extra Lower Impedance.
 TS13C6 ----- -55°C~105°C 3000Hours Long Life Assurance.
 TS13C7 ----- -55°C~105°C 5000Hours Long Load Life.
 TS13C8 ----- -40°C~125°C 1000Hours to 2000Hours High Reliability.
 TS13C9 ----- -40°C~105°C 2000Hours Low Leakage.
 TS13CA ----- -55°C~105°C 3000Hours to 5000Hours Super Low Impedance.
 TS13CC ----- -40°C~125°C 5000Hours Mid-to-High Voltage.
 TS13CV ----- -40°C~105°C 3000Hours Long Life.
 TS13CD ----- -40°C~105°C 5000Hours Long Life.
 TS13CW ----- -40°C~105°C 10000Hours Long Life.
 TS13CR ----- -55°C~105°C 2000Hours to 3000Hours Long Life.
 TS13CX ----- -55°C~105°C Extra Low Impedance.
 TS13CY ----- -55°C~105°C 2000Hours Long Life.
 TS13CJ ----- -40°C~105°C 2000Hours Long Life.
 TS13CZ ----- -25°C~105°C 7000Hours Long Life.

POLYMER - SOLID

TS13EY-CDHEA, TS13EZ-CDHEB ----- 2000Hours at -55~105°C.
 TS13EX-CDHEC, TS13EW-CDHED ----- 2000Hours at -55~125°C.
 TS13ER-CDHEE ----- 3000Hours at -55~105°C, Super Low ESR Radial.
 TS13ES-CDHEF ----- 3000Hours at -55~105°C, Low ESR Radial.
 TS13ET-CDHEG ----- 5000Hours at -55~105°C Low ESR Radial.
 TS13EU-CDHEH ----- 5000Hours at -55~105°C Long Life Radial.
 TS13CP ----- 2000Hours at -55~105°C SMD.
 TS13CO ----- 5000Hours at -55~105°C SMD.
 TS13MA ----- Low ESR, 7.3×4.3×1.9mm, SMD.
 TS13MB ----- High Capacitance, 7.3×4.3×2.8mm, SMD.
 TS13HR ----- Conductive Polymer Hybrid Capacitors, 125°C, 4000Hours Long Life.

AXIAL TYPE

TS13AE ----- 2000hours, -40°C ~ +85°C, 6.3 ~ 450V, 2 Rubber Type.
 TS13AH ----- 1000hours, -40°C ~ +105°C, 6.3 ~ 450V, 2 Rubber Type.
 TS13AB ----- 1000hours, -40°C ~ +105°C, 50, 100V, Low Dissipation Factor, MAX 5% at 1KHz - Audio System.
 TS13AC ----- 1000hours, -40°C ~ +105°C, 50, 100V, Low Dissipation Factor, MAX 4% at 1KHz - Audio System.
 TS13AR ----- 2000hours, -40°C ~ +105°C, 50, 100V, Axial 1KHZ DF<10% - Audio System.
 TS13AT ----- 1000hours, -40°C ~ +105°C, 50, 100V, Standard axial sound capacitors, for HiFi enthusiasts.

ALUMINUM ELECTROLYTIC CAPACITORS - RADIAL TYPE

TS14 ----- High Temperature 105°C, General
 TS13DC-CD70H ----- 105°C, 7mm height
 TS13DD-CD71C ----- 7mm height, Bi-Polar
 TS13DE-CD110X ----- General, Super Miniaturized
 TS13DF-CD71 ----- Non-Polar
 TS13DG-CD263 ----- 105°C, Low Impedance
 TS13DH-CD264 ----- 105°C, Long Life
 TS13DI-CD286 ----- 105°C, High Frequency, Low Impedance
 TS13D6-CD286A ----- 105°C, High Frequency, Extra Low Impedance
 TS13DJ-CD287 ----- 105°C, Low Impedance, Long Life
 TS13DL-CD117 ----- Low Leakage Current
 TS13D1-CD81 ----- 105°C, 2000 hours, Low Leakage
 TS13D2-CD11GE ----- 10000 hours, For Ballast & Save Lamp
 TS13D8-CD11GH ----- 5000 hours, For Ballast & Save Lamp
 TS13D9-CD11G ----- 3000 hours, For Ballast & Save Lamp

SNAP-IN & SCREW & LUG TYPE

Snap-in Type

TS13EA-CD291 ----- 85°C, For Speaker Network
 TS13DP-CD293 ----- 85°C, For Speaker Network
 TS13DR-CD294 ----- 2000Hours at 105°C, General
 TS13DQ-CD295 ----- 5000Hours at 85°C, Miniaturized
 TS13DS-CD296 ----- 3000Hours at 105°C, Miniaturized
 TS13DO-CD297 ----- 5000Hours at 105°C, Long Life
 TS13DW-CDPC ----- 85°C For P.F.C. Circuit

Screw Type

TS13DX-CD135 ----- 2000Hours at 85°C, General
 TS13EG-CD135X ----- 2000Hours at 85°C, Miniaturized
 TS13DY-CD136 ----- 2000Hours at 105°C, General
 TS13EH-CD137 ----- 5000Hours at 85°C, High Voltage
 TS13DZ-CD138 ----- 5000Hours at 85°C, Long Life
 TS13EI-CD139 ----- 5000Hours at 105°C, Long Life
 TS13EF-CD13L ----- 20000Hours at 85°C, Long Life

Aluminum Electrolytic Capacitors - Lug Type

TS13DT-CD13 ----- -40~85°C (16~100V), -25~+85°C (160~450V), Miniaturized
 TS13DU-CD17 ----- -20~55°C, 330WV.DC, 360WV.DC For Photo Flash
 TS13DV-CDIN ----- -25~85°C, 400~450V, For Air Conditioner
 TS13D3-CD60 ----- -40~65°C, 110~330V, For Motor Starting