

BASIC OVERVIEW

It delivers our portfolio's ultimate reliability milestone: 20,000 hours at +105°C. Unlike standard liquids or shorter-lived polymer alternatives, the APE series guarantees maximum system uptime, reduces long-term warranty costs, and provides superior ripple current capability with ultra-low ESR in a rock-solid, stable design

GENERAL CHARACTERISTICS

To meet next-generation industry demands for ultra-extended product lifespans and zero-maintenance operations in harsh thermal environments. As telecommunications, data centers, and industrial automation push for higher uptime, the APE series bridges the gap by delivering unprecedented durability without compromising on efficiency.

APPLICATIONS

- Telecommunications:
5G Outdoor Base Stations, Remote Radio Heads (RRH), and edge computing nodes
- Power Supplies:
High-Density DC-to-DC Converters, Server Power Distribution Units (PDUs), and industrial switch-mode power supplies (SMPS).

KEY SPECIFICATIONS

Long Life Time: 20,000 hours @ +105°C
Super low ESR

TOP SELLING POINTS / CHARACTERISTICS

- High life time and low ESR

FEATURES & BENEFITS

- Super low ESR
- Long life
- Endurance: 105°C, 20,000 hours
- RoHS Compliance & Halogen-free





Aluminum Capacitors

APE SERIES

[CLICK HERE TO VIEW APE SERIES PRODUCT PAGE](#)

HOW TO ORDER

A	PE	0812	820	M	035	R	-
Product Type Aluminum Chip Capacitors	Series Type	Case Size See Chart Online	Capacitance Code μ code: 1st two digits represent significant figures, multiplier (number of zeros to follow)	Tolerance M = $\pm 20\%$	Rated DC Voltage 016 = 16Vdc 025 = 25Vdc 035 = 35Vdc 050 = 50Vdc	Packaging R = 15" Reel (Material details available upon request)	Special No Code = Std.



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