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ADVANCE – Interference Suppression Devices for Auto Applications

Applications: Used to eliminate interference generate due to rapid fluctuations in voltage/current in alternators & Wiper motors.

Technical Details:

Dielectric	: Metallised Polyester film (imported for Steiner Germany) (Polyethylene Terephthalate)
Electrodes	: Vaccum deposited Aluminium
Encasing	: Flame Retardent Plastic Can with Flame Retardent Epoxy (Ciba)
Capacitance	: 0.5ufd to 2.2ufd or as per customer specification
Tolerance	: ± 10% or ± 5%
Temperature Range	: -55°C to +125°C
Power factor(tan delta)	: <=0.008 (typical 0.006)
Climate Category	: 55/125/56
Test Voltage	: 1.6 times x Rated Voltage for 1 min.
Standards	: IEC-384-2
Insulation Resistance(100v): C > 0.33ufd	≥ 5000 secs

Disspation Factors

At f	C ≤ 0.1ufd	0.1ufd < C ≤ 1ufd	C > 1ufd
1kHz	≤ 0.8%	≤ 0.8%	≤ 1.0%
10kHz	≤ 1.5%	≤ 1.5%	-
100kHz	≤ 3.0%	-	-

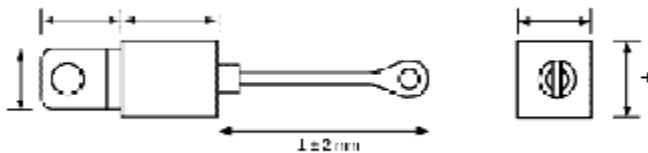


Figure: 1ufd 10% 100Vdc

- Notes:
1. This is standard catalog for regularly supplied items.
 2. Mounting clip dimension and size also changes as per customer specification.
 3. New Development also taken up on request.
 4. Due to continuous development the specifications and design are changing.