



ADVANCE COMPONENTS AND INSTRUMENTS PVT LTD

(An ISO 9001 Company)

Manufacturers of PLASTIC FILM CAPACITORS

IN TECHNICAL COLLABORATION WITH GOULD ADVANCE LIMITED U.K.

Registered Office & Factory: 3A-3A/1, Belavadi Indl.Area, Mysore – 570 018. INDIA.

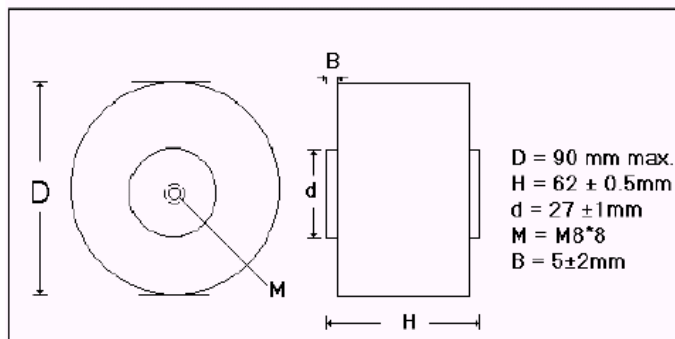
Telephone: (0821) – 2402307, 2402301 Fax: (0821) - 5282058

Email: advcaps@vsnl.com Website: www.advance-capacitors.com

Mumbai Office: Tel - (022) 22073507. Email: advcapsmumbai@eth.net

Description: 3.1mfd $\pm 10\%$ 600 V_{rms} 150A_{rms}

Dimensional Drawing:



Technical Details :

Capacitance	: 3.1 mfd @20°C, 1KHz
Tolerance	: $\pm 10\%$
Rated Voltage	: 600 V _{rms} @50KHz
Dielectric	: Metallised Polypropylene film + Aluminium Foil
Casing	: Sealed Cylindrical self extinguishing Plastic case filled with Thermosetting epoxy resin UL94V0
Terminals	: Axial, Tinned Brass M8 x 8mm Max. Torque 10Nm
Tan delta	:
DC test voltage between terminals(10s)	: 1500 V dc
Insulation Resistance	: \Rightarrow 800 M Ω at 500 V dc
Insulation with standing voltage between shorted terminals and body	: 2800 Vdc
Equivalent Series Resistance(ESR)	: \leq 1.5 m Ω @50KHz \leq 4.0 m Ω @1KHz
Temperature Range	: -40 °C to +85°C
Climatic Category	: 40/85/21
Marking	: ADVANCE 3.1 mfd $\pm 10\%$ 600 V _{rms} 150A _{rms} Year and week code

