



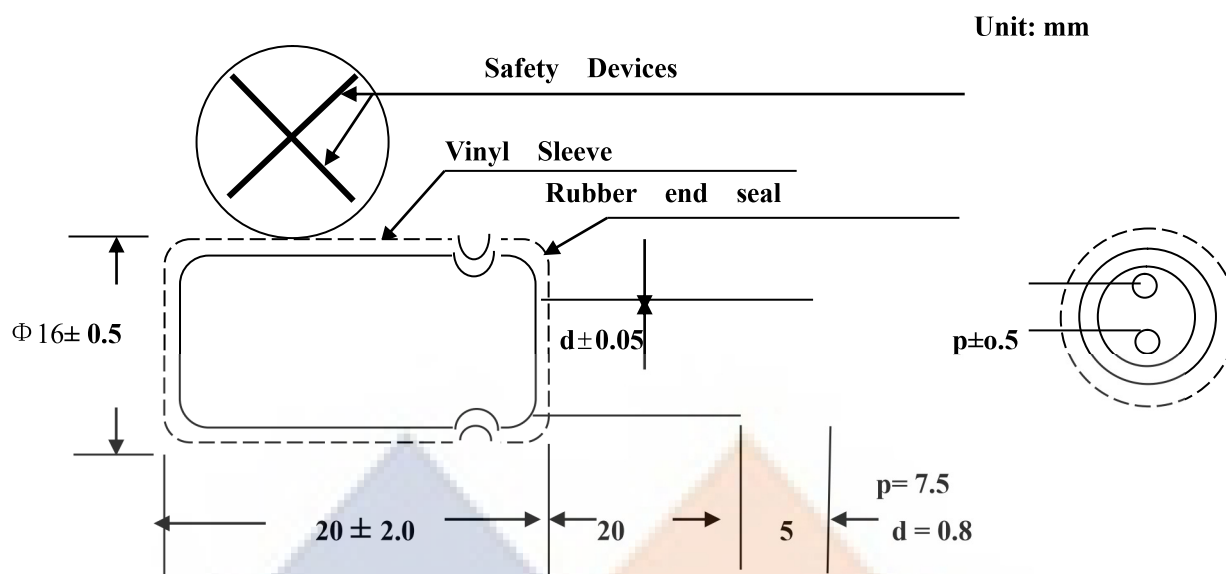
Features

- 105°C, 10000 hours, high Ripple, Low impedance, Long life.
- Suitable for using in switching power, Communications equipment and Other electronic products.

◆ Specifications

Items	Characteristics							
Rated Voltage Range	25V.DC							
Capacitance	2200uF							
Operating Temperature Range	−40℃~+105℃							
Capacitance Tolerance	±20%(M) (25℃,100 or 120Hz)							
Leakage Current	I≤0.01CV(μA) Where,I:Max.leakage current(μA),C:Nominal capacitance(μF),V:Rated voltage(V) After 2 minutes at 25℃.							
Dissipation Factor (tanδ)	(25℃,100 or 120Hz) tanδ(Max.) ≤ 14 %							
Low Temperature Characteristics (Max.Impedance Ratio)	(25℃, 100 or 120Hz)							
	Rated voltage (V _{dc})	6.3	10	16	25	35	50	63
	tan δ (Max.)	0.16	0.14	0.12	0.10	0.10	0.08	0.08
	When nominal capacitance exceeds 1000 μ F, add 0.02 to the value above for each 1000 μ F increase.							
Shelf Life	After storage at 105℃ for 1000 hours, the capacitors shall meet the following requirements.							
	Capacitance Change	≤±20% of the initial value						
	D.F. (tanδ)	≤200% of the initial specified value						
	Leakage Current	≤ the initial specified value						
Load Life	After application of rated voltage with rated ripple current for the specified period of time 10000Hours at +105℃,the following specification shall be satisfied.							
	Capacitance Change	≤±20% of the initial value						
	D.F. (tanδ)	≤200% of the initial specified value						
	Leakage Current	≤the initial specified value						
Others	Meet JIS C 5141							

◆ Dimensions



◆ Electrical Characteristics

Working Voltage (V.DC)	Surge Voltage (V.DC)	Cap. (μ F)	Size $\Phi D \times L$ (mm)	Tan (max.)	IR (mArms, 105°C, 100KHz)	Impedance (Ω , max) 20°C, 100KHz)	Operating Temperature Range
25	32	2200	16×20	0.14	3300	0.017	-40~+105°C, load life of 10000Hours

TOPMAY PART NO. SYSTEM

<u>TMCE</u>	<u>3001</u>	<u>-</u>	<u>228</u>	<u>M</u>	<u>25V</u>	<u>P7.5B</u>	<u>B</u>
Product Category	Sub-Series		Capacitance 228=2200uF	Tolerance-+/-20%	Voltage	Pitch	Packing-Bulk