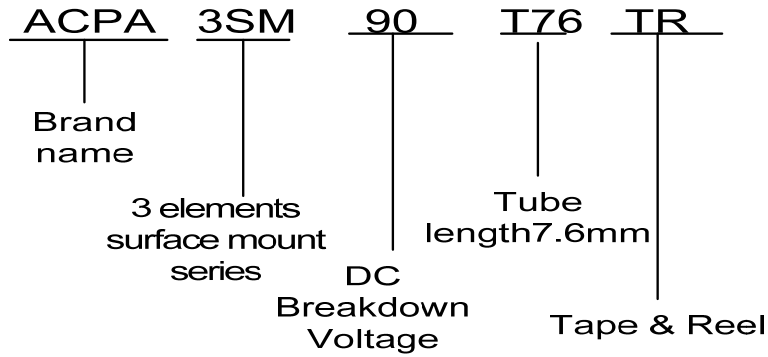
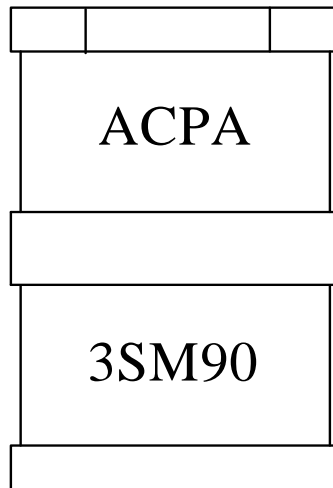


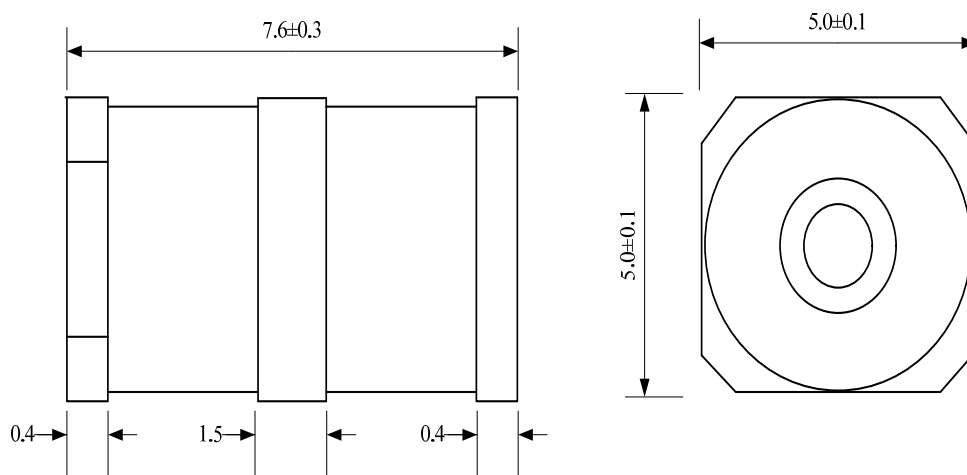
1. PART NUMBER CODE



2. MARKING



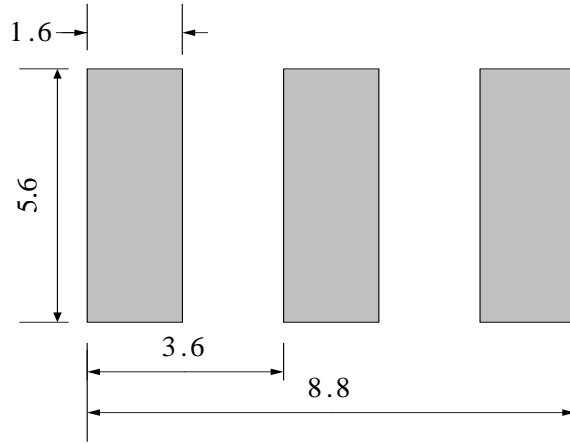
3. Outline Drawing



Note:

1. electrode pad co-planarity < 0.1 mm
2. electrode surface finish : Sn plating 3~10um

Recommended Pad Size



4. SPECIFICATION

ELECTRICAL SPECIFICATION

Model Name	DC Breakdown Voltage (V)	Maximum Impulse Breakdown Voltage (1000V/μs) (V)		Maximum Impulse Discharge Current (8/20 μs) (KA)		Alternating Discharge Current (A)		Impulse Life (10/1000us) (200A)	DC Holdover Voltage (V)	Minimum Insulation Resistance (GΩ)	Maximum Capacitance (pf)
		100V/us	1000V/us	1time	10time	50Hz, 1sec	Single 9cycles				
3SM90	90±20%	500	600	10	5	5	30	300	52	1	2

Note1 : UL497B Recognized,File E135015

Note2 : DC Breakdown Voltage DC Measuring Voltage

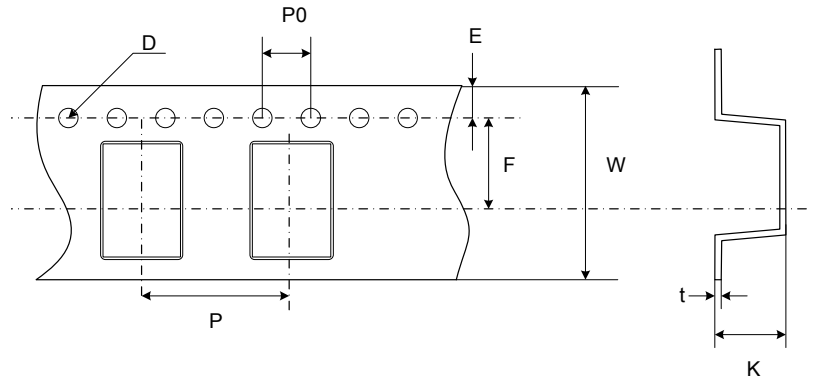
90V

50V

Taping & Reel Specifications

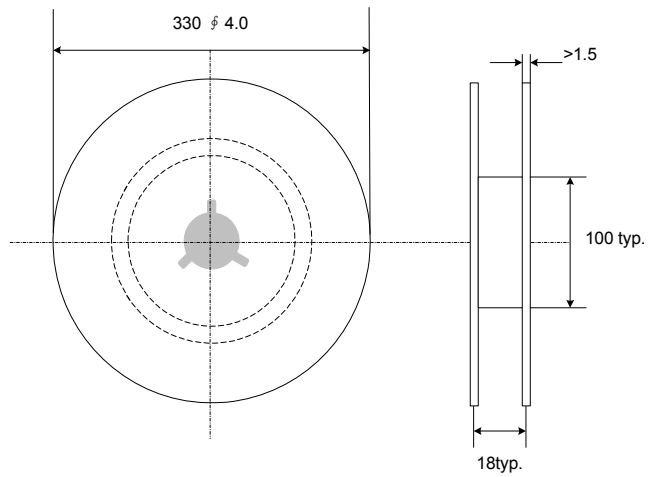
unit :mm

Item	Spec
P	12.0±0.1
P0	4.0±0.1
W	16.0±0.3
F	7.5±0.1
E	1.75±0.1
D	Φ1.55±0.05
K	5.5±0.1
t	0.5±0.05



Reel

- Quantity: 900 pcs per reel (13")
- 3 reels per inner box
- 5 inners box per carton
- 13,500 pcs per full carton



5. ELECTRICAL RATING

Item	Test Condition / Description		Requirement
DC Breakdown Voltage	The voltage measured at a rise time of 100v/s.		To meet the specified value
Maximum Impulse Breakdown Voltage	The maximum breakdown voltage at rise times of 100v/us and 1000v/us.		
Maximum Impulse Discharge Current	The maximum current applying a waveform of 8/20us that can be applied across the terminals of the gas tube without causing the gas tube to change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 3 minutes.		
Alternating Discharge Current	Rated RMS value of AC current at 50Hz, 1 sec. 10 times. Intervals: 3min. DC breakdown voltage may not change more than ±25% from its initial measured DC breakdown voltage. IR > 10 ⁸ ohms (-20%, +30% for 70 – 90V).		
Impulse Life	The minimum number of impulses of a specified waveform and peak current which a gas tube will conduct without causing the gas tube to change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 1-2 minutes.		
DC Holdover Voltage	The maximum DC voltage across the two terminals of the gas tube under which it may be expected to return to the high impedance state after the gas tube breakdown.		
Insulation Resistance	The resistance of the gas tube shall be measured each terminal to each other terminal.		
	DC Breakdown Voltage	Measuring Voltage	
	70-150V	50V	
	151-400V	100V	
	401-1000V	250V	
1001-2000V	500V		
2001-6000V	1000V		
Capacitance	The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency: 1MHz In measurements involving 3-electrode gas tubes, the terminal not being tested shall be connected to a ground plane.		

单击下面可查看定价，库存，交付和生命周期等信息

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