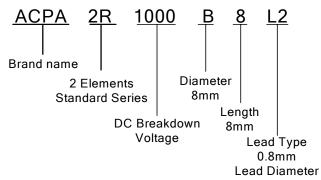
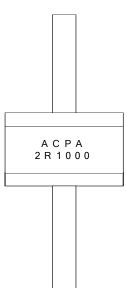
ACPA Technology	Co., LTD	Rev. 1	.0
Product : Gas Discharge Tube	Part No.: ACPA2R1000B8L2	Page	1/3

1. PART NUMBER CODE



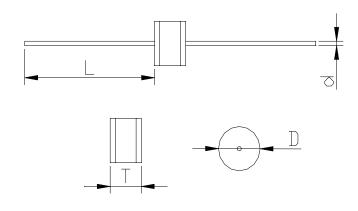
2. MARKING



3. Outline Drawing

Unit: mm

Item	Dimensions
D	8.0 +0.3,-0.5
Т	8.0+0.6,-0.1
d	0.8±0.05
L	20min.



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4. SPECIFICATION

4.1ELECTRICAL SPECIFICATION

Model	DC	Max	mum	Max	imum	No	rmal	Impulse	Minimum	Maximum				
Name	Breakdown	Imp	ulse	Impulse		Impulse		Impulse		Alteri	nating	Life	Insulation	Capacitance
	Voltage	Break	Breakdown D		harge	Disc	harge		Resistance					
		Vol	tage	Cu	rrent	Cu	rrent							
				(8/20 µs)				10/1000µs						
	(V)	()	V)	(ł	ΚΑ)	(/	A)	(100A)	(GΩ)	(pf)				
	100V/s	100\//uc	1000\//ua	1 time	10	50Hz,	Single	timaa	Note	41117				
	1007/8	100V/µs	1000V/µs	ume	times	1sec	9cycles	times	Note2	1MHZ				
2R-1000	1000 ±20%	1300	1400	8	5	5	10	100	1	1.5				

Note1: UL1449 C-UL 3rd Recognized, File E315423

Note2 : DC Breakdown Voltage DC Measuring Voltage

70-90 V 50V 120-400V 100V 470-800V 250V 1000-2000V 500V 2500-6000V 1000V

4.2 Standard Bulk Packaging Specifications

Quantity: 100 pieces per plastic tray

500 pieces per inner box

10 inner boxes per carton

5000 pieces per full carton

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5. ELECTRICAL RATING

DC Breakdown Voltage Maximum Impulse Breakdown Voltage The maximum breakdown voltage at rise times of 100v/us and 1000v/us. The maximum breakdown voltage at rise times of 100v/us and 1000v/us. The maximum breakdown voltage at rise times of 100v/us and 1000v/us. 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 Discharge Current to change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 3 minutes. Alternating Dc breakdown voltage may not change more than ±25% from its initial Discharge Current 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage To meet to specified very speci	Item	Test Co	ndition / Description	Requiremen		
Breakdown Voltage 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 Discharge Current change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 3 minutes. 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 Discharge Current measured DC breakdown voltage. IR > 108 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation To Breakdown Voltage Measuring Voltage Measuring Voltage 151-400V 100V 470-1000V 250V 1001-2000V 2001-6000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		The voltage measured at a rise tin	ne of 100v/s.			
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 Discharge Current change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 3 minutes. 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 Discharge Current 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V A70-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Maximum Impulse	The maximum breakdown voltage				
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 Discharge Current change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 3 minutes. 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V A70-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Breakdown					
Maximum Impulse across the terminals of the gas tube without causing the gas tube to change Current change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 3 minutes. 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Voltage					
Change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 3 minutes. 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V 1001-2000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		The maximum current applying a v	waveform of 8/20us that can be applied			
voltage. Dwell time between pulses is 3 minutes. 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Maximum Impulse	across the terminals of the gas tube	e without causing the gas tube to			
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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Discharge Current	change more than ±25% from its in	itial measured DC breakdown			
Alternating Discharge Current		voltage. Dwell time between pulses	s is 3 minutes.			
Discharge Current 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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		Rated RMS value of AC current at	50Hz, 1 sec. 10 times. Intervals: 3min.			
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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation Resistance 151-400V 100V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Alternating	DC breakdown voltage may not cha				
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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Discharge Current	measured DC breakdown voltage.	IR > 10 ⁸ ohms (-20%, +30% for 70 –			
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. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		90V).				
thange more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 1-2 minutes. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Impulse Life	The minimum number of impulses	of a specified waveform and peak			
change more than ±25% from its initial measured DC breakdown voltage. Dwell time between pulses is 1-2 minutes. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		current which a gas tube will condu	ct without causing the gas tube to			
Dwell time between pulses is 1-2 minutes. 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. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		change more than ±25% from its in	change more than ±25% from its initial measured DC breakdown voltage.			
Which it may be expected to return to the high impedance state after the gas tube breakdown. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		Dwell time between pulses is 1-2 m	specified valu			
Which it may be expected to return to the high impedance state after the gas tube breakdown. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	DC Holdover	The maximum DC voltage across				
gas tube breakdown. The resistance of the gas tube shall be measured each terminal to each other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		which it may be expected to return				
other terminal. DC Breakdown Voltage Measuring Voltage Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	voltage	gas tube breakdown.				
Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		The resistance of the gas tube shall				
Insulation 70-150V 50V Resistance 151-400V 100V 470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		other terminal.				
Resistance 151-400V 100V 250V 1001-2000V 500V 1000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		DC Breakdown Voltage	Measuring Voltage			
470-1000V 250V 1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Insulation	70-150V	50V			
1001-2000V 500V 2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:	Resistance	151-400V	100V			
2001-6000V 1000V The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		470-1000V	250V			
The capacitance of a gas tube shall be measured each terminal to each other terminal. Test frequency:		1001-2000V	500V			
other terminal. Test frequency:		2001-6000V				
Cauacilance 11MHz in measurements involving 3-electrode ass tubes, the terminal not 1	Conseiter	other terminal. Test frequency:				
being tested shall be connected to a ground plane.	Capacitance	being tested shall be connected				

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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