



规格承认书
APPROVAL SHEET

客户名称 CUSTOMERS :			
日期 DATE :			
产品名称 PRODUCT :	贴片陶瓷气体放电管		
物料代号 PART NO :	Customer:	版本 REV :	2019. A
	JieShyang:		

客户承认签印 CUSTOMER APPROVED BY	核准 APPROVE	审核 REVIEWED	承办 RESPONSIBLE
APPROVED NO :	ECN :		
MODEL :			
CUSTOMER P/N :			

JIESHYANG ELECTRONICS (WUJIANG) CO., LTD

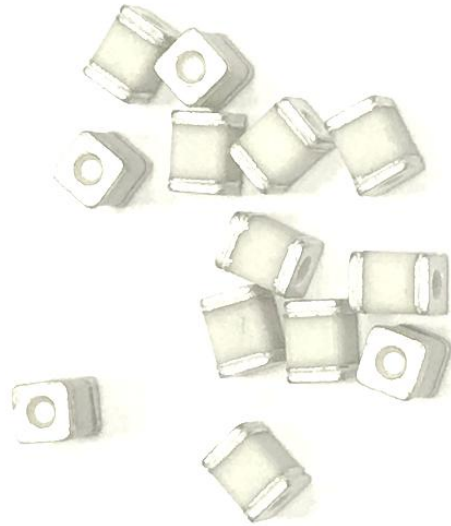
◎ Chip Series

--- Surge current capacity 1000 A 8/20us

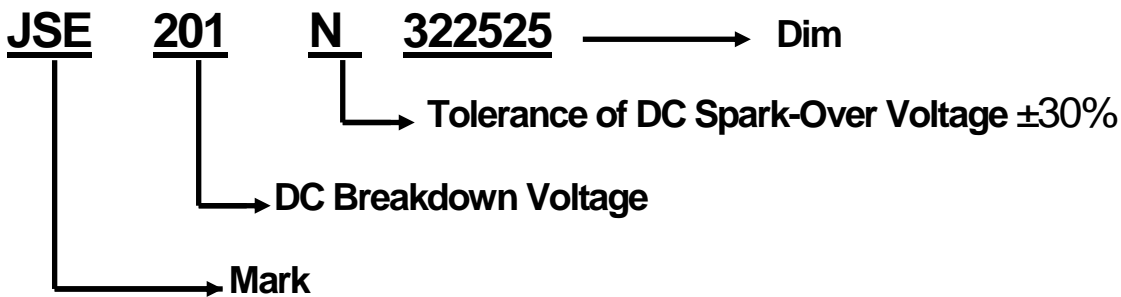
6000V 10/700us

--- Surface Mounted Gas Arrester

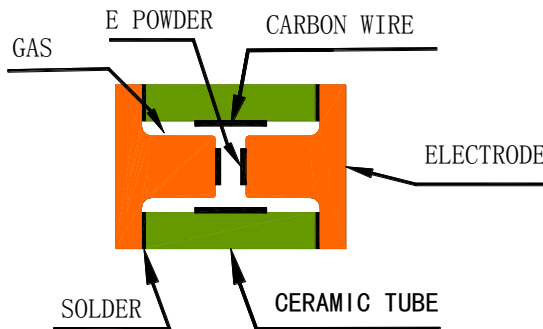
--- Micro-Gap Design



◎ How to Order

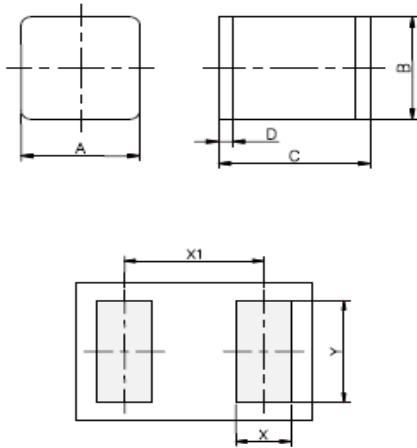


◎ Structure



◎ Dimensions

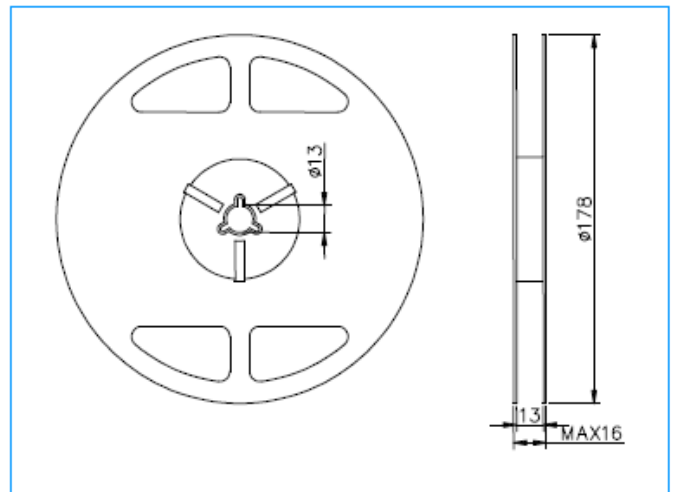
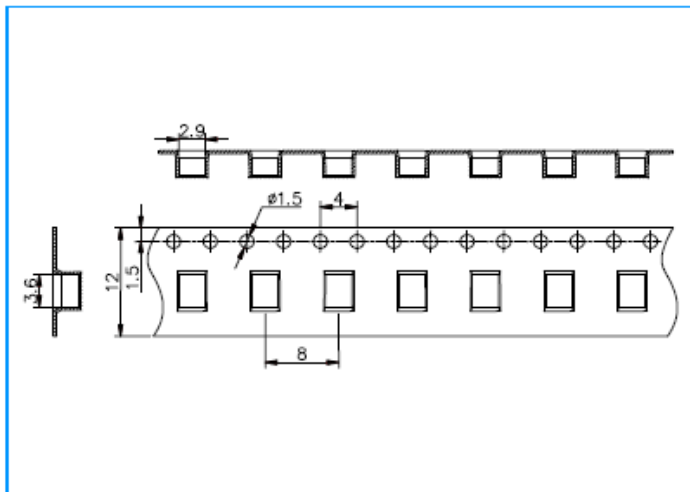
Dimensions



Recommended Soldering Pad Layout

Symbol	Millimeters	Inches
A	2.5±0.2	0.098±0.008
B	2.5±0.2	0.098±0.008
C	3.2±0.3	0.126±0.012
D	0.3±0.1	0.012±0.004
X	1.3	0.051
X1	3.3	0.130
Y	2.8	0.110

Tape and Reel Dimensions Unit: mm



Packaging

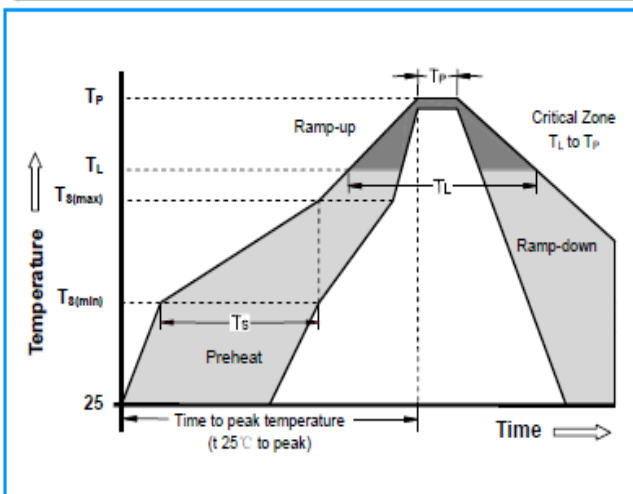
Part Number	Description	Quantity
JSE201N-322525	12mm Tape & 7" Reel	1000

Electrical Specification

Model	DC Breakdown Voltage 100v/s	Impulse Discharge Current	Impulse Withstanding Voltage Capacity	Impulse Spark-over Voltage 1kv/us	Insulation Resistance	Capacitance (1MHz 1V)
JSE091N-322525	90V±30%	8/20 us 1000A	10/700 us 6kV Positive/Negative 5 Times	≤ 650v	1GΩ Min (DC 100V)	0.5PF
JSE121N-322525	120V±30%			≤ 750V		
JSE151N-322525	150V±30%			≤ 750V		
JSE201N-322525	200V±30%			≤ 850v		
JSE231N-322525	230V±30%			≤ 950v		
JSE301N-322525	300V±30%			≤ 950v		
JSE351N-322525	350V±30%			≤ 950v		
JSE401N-322525	400V±30%			≤ 1050v	1GΩ Min (DC 250V)	
JSE421N-322525	420V±30%			≤ 1050v		
JSE501N-322525	500V±30%			≤ 1100v		

Soldering Parameters

Recommended soldering profile



Reflow Condition		Pb - Free assembly
Pre Heat	- Temperature Min ($T_{s(min)}$)	150°C
	- Temperature Max ($T_{s(max)}$)	200°C
	- Time (min to max) (t_s)	60 - 180 Seconds
Average ramp up rate (Liquidus Temp T_L to peak)		3°C/second max
$T_{s(max)}$ to T_L - Ramp-up Rate		5°C/second max
Reflow	- Temperature (T_L) (Liquidus)	217°C
	- Time (min to max) (t_s)	60 - 150 Seconds
Peak Temperature (T_p)		260 +0/-5°C
Time within 5°C of actual peak Temperature (t_p)		10 - 30 Seconds
Ramp-down Rate		6°C/second max
Time 25°C to peak Temperature (T_p)		8 minutes Max
Do not exceed		260°C