

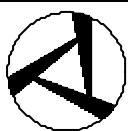
Spec. No.	RSK-117	P.:1/4
Date	Sep 12,2001	
Version	First	

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Http://www.lcdfriends.com

PRELIMINARY SPECIFICATION

Product name : 2-Electrode GDT

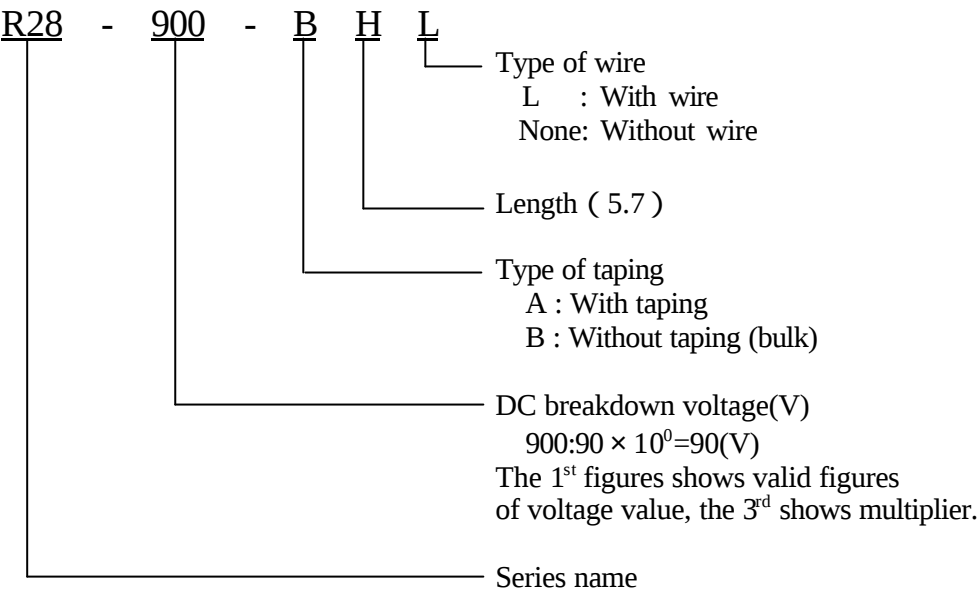
Type : R28-900-BHL



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1. Scope This specification covers 2-Electrode GDT (Gas Discharge Tube) R28-900BHL.

2. Type designation



3. Appearance · Structure

- 3-1 Appearance

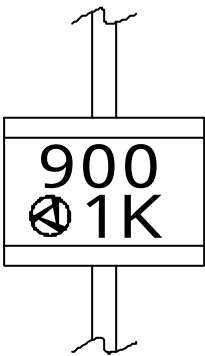
3-2 Dimension

3-3 Display and contents

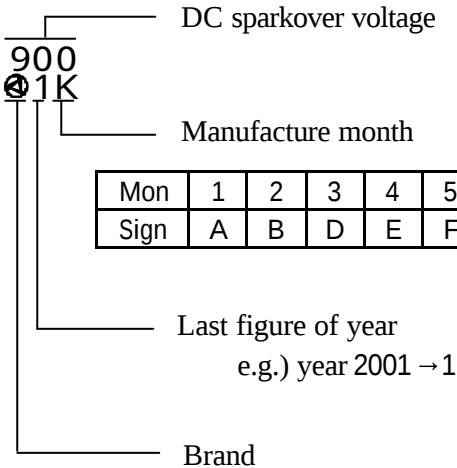
Scratches, rust, dirt that affect the use of the product in a damaging way are not allowed

Refer to drawing 4R-4219-Y05

Not easily to disappear, to be visible



Fg.1 Example of marking



- 3-4 Materials

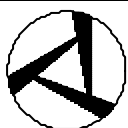
Ceramic, alloy of iron and nickle, cp wire, etc.
 No radioactive substance is used in this product.



Spec. No.	RSK-117	P:3/4
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4 . Electrical characteristics

No.	Item	Test condition		Spec.			Units
				Min.	Typ.	Max.	
1	DC sparkover voltage	100V/s		72	90	108	V
2	Impulse sparkover voltage	100V/μs		-	-	500	V
3	Insulation resistance	DC100V		10 ¹⁰	-	-	Ω
4	Capacitance	1MHz		-	-	2.0	pF
5	Impulse life test	10/1000μs 200A 1000 times interval 60s	DC sparkover voltage	63	90	117	V
			Impulse sparkover voltage	-	-	800	V
			Insulation resistance	10 ⁸	-	-	Ω
6	Alternating discharge current	7Arms-1s × 10times @50Hz interval 30s	DC sparkover voltage	63	90	135	V
			Impulse sparkover voltage	-	-	800	V
			Insulation resistance	10 ⁸	-	-	Ω
7	Impulse discharge current	8/20μs 7.5kA 10 times interval 60s	DC sparkover voltage	63	90	135	V
			Impulse sparkover voltage	-	-	800	V
			Insulation resistance	10 ⁸	-	-	Ω



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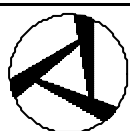
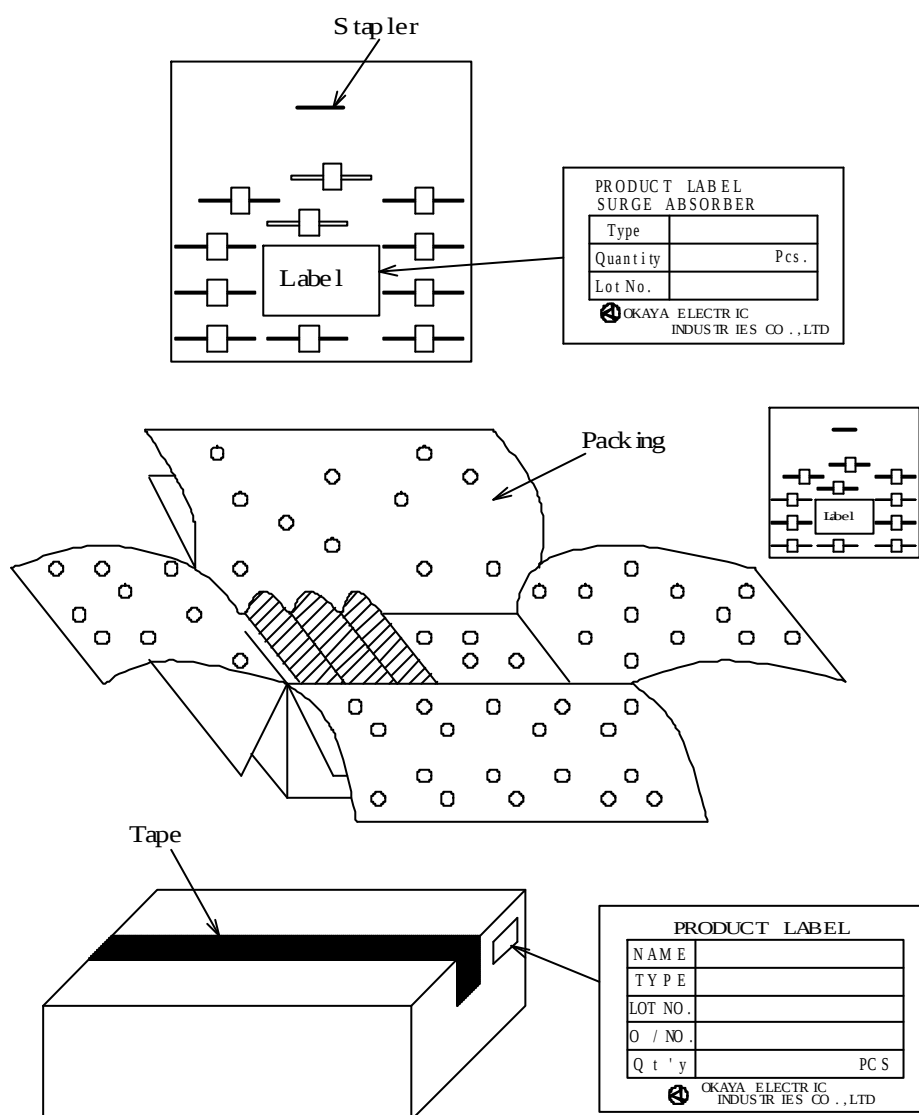
P : 4/4

5 . Operating condition

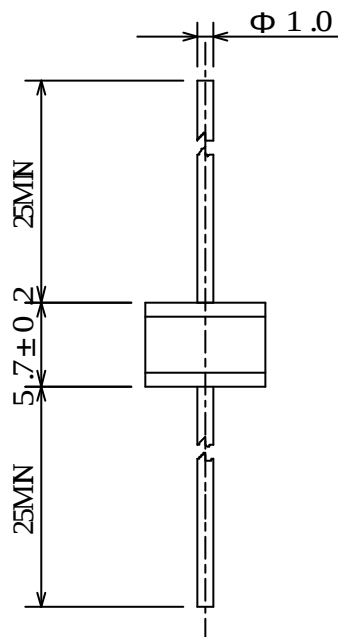
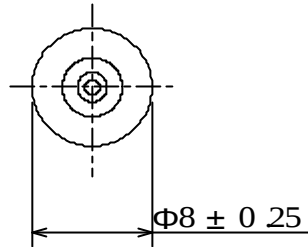
Operating temperature -40 to +90
Storage temperature -20 to +100

6 . Packing

Put 50pcs of R28 series and 1pc of product label in a vinyl bag of specified size, seal the bag with a stapler, put bags of quantity required into a box, pack and attach product label on the box.



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Weight : approx . 2g

Ver.	Rev. data	History of rev.	Date	Scale	Product name	
			Sep 12 , 2001	2:1	2- Electrode G D T	
					Type name	
					Outline dimension ($\Phi 8.0 \times 5.7$)	
					Drawing No.	
OKAYA ELECTRIC INDUSTRIES CO . , LTD					4R -4219 -Y05	4