

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

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## PRELIMINARY SPECIFICATION

Product name : 2-Electrode GDT

Type : R28-900-BHL

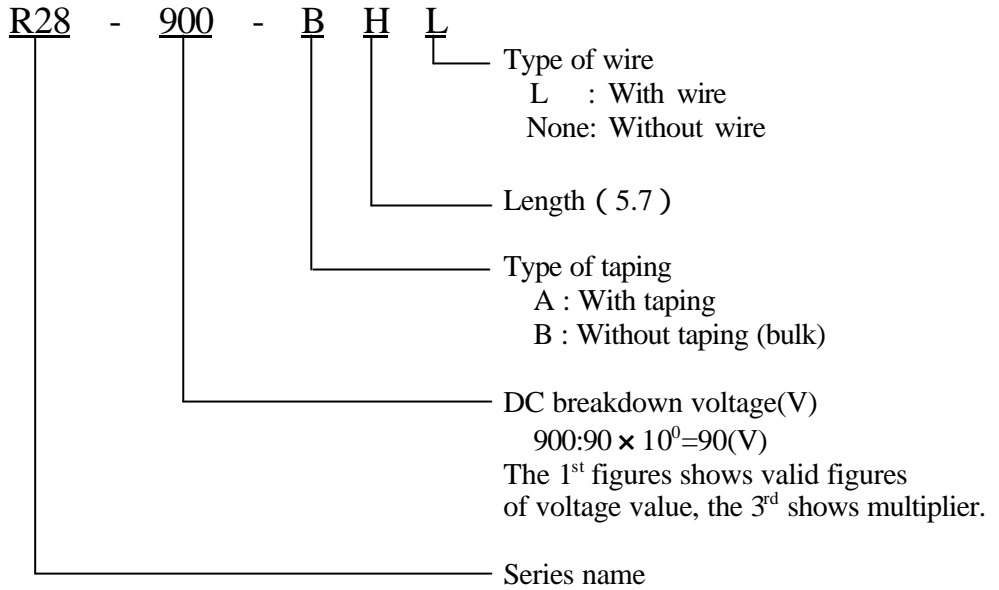


OKAYA ELECTRIC INDUSTRIES CO., LTD.

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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                   Scratches, rust, dirt that affect the use of the product in a damaging way are not allowed
- 3-2 Dimension                   Refer to drawing 4R-4219-Y05
- 3-3 Display and contents       Not easily to disappear, to be visible

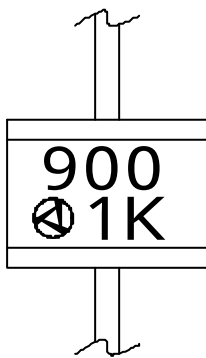
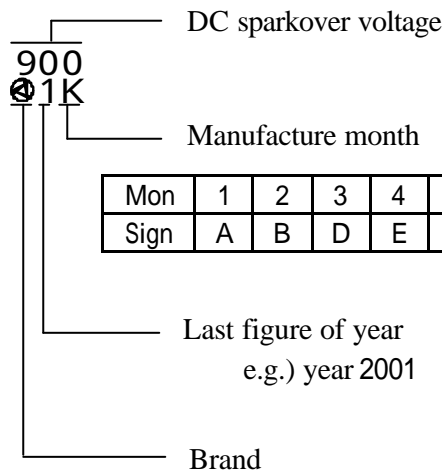


Fig.1 Example of marking



Mon	1	2	3	4	5	6	7	8	9	10	11	12
Sign	A	B	D	E	F	G	H	J	K	L	M	N

- 3-4 Materials                   Ceramic, alloy of iron and nickle, cp wire, etc.  
                                       No radioactive substance is used in this product.



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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/ $\mu$ s	-	-	500	V	
3	Insulation resistance	DC100V	$10^{10}$	-	-	$\Omega$	
4	Capacitance	1MHz	-	-	2.0	pF	
5	Impulse life test	10/1000 $\mu$ s 200A 1000 times interval 60s	DC sparkover voltage	63	90	117	V
			Impulse sparkover voltage	-	-	800	V
			Insulation resistance	$10^8$	-	-	$\Omega$
6	Alternating discharge current	7Arms-1s $\times$ 10times @50Hz interval 30s	DC sparkover voltage	63	90	135	V
			Impulse sparkover voltage	-	-	800	V
			Insulation resistance	$10^8$	-	-	$\Omega$
7	Impulse discharge current	8/20 $\mu$ s 7.5kA 10 times interval 60s	DC sparkover voltage	63	90	135	V
			Impulse sparkover voltage	-	-	800	V
			Insulation resistance	$10^8$	-	-	$\Omega$



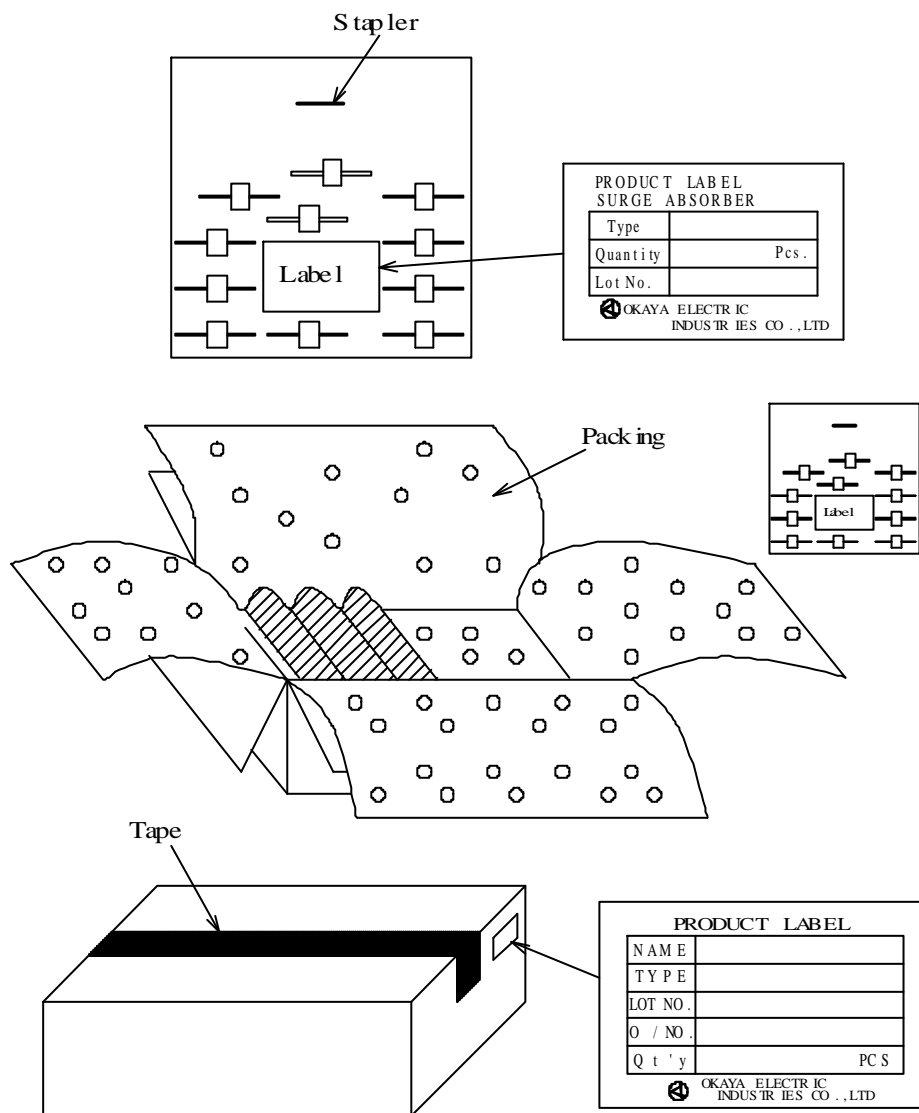
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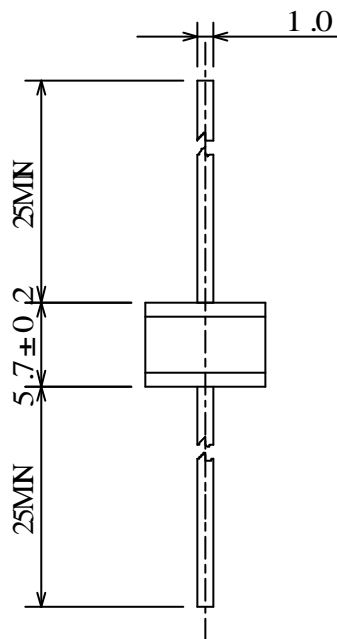
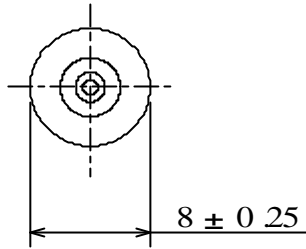
### 5 . Operating condition

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.





Weight : approx . 2g

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