

承 认 书

APPROVAL SHEET

编 号 No.	ST1080-075-2H-A/1-T
日期 Date	2024.07.25

客 户 Customer	
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品 名 Product	Gas Discharge Tube
系 列 Series	ST1080

料号 Part No.	规格描述 Specification	备注 Remark
贝特电子 Betterfuse		
客 户 Customer		

环保特别提示 Special instructions for environmental protection
本产品:

供应商-贝特电子 Supplier-Betterfuse	零件承认章 Approval Signet	客 户 Customer	零件承认章 Approval Signet
制 作 Make	Hongkun Huang		
审 核 Check	Wenhua Yan		
确 认 Approval	Zujiang Wang		

联络 Contact			
业务 Sales	电话 Telephone	手机 Cellphone	邮箱 E-mail
零件承认后敬请回签一份给我司留存，或将承认后的封面传真（0769-8352 1857）至我司，谢谢！			



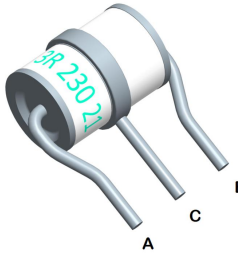
Document Record

NO.	Date	Modified Content	Page	Edition	Prepared/modified by	Checked by
1	2022.07.02	Draft		A/0	Hongkun Huang	Fei Gao
2	2024.07.25	Add a description of the operating temperature	3	A/1	Hongkun Huang	Wenhua Yan
3						
4						
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1. SCOPE AND DESCRIPTION



- Small Size Design $\Phi 8.0 \times 10\text{mm}$
- Current Handling Capability: 10000A@8/20us
- Low Capacitance and insertion loss
- Fast Response and long service life
- Pb-free(RoHS compliant) package
- Moisture sensitivity level:Level 1
- Storage and operational temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

2. APPLICATION

- CATV modem, Telecom protection Splitters
- Hub Hpirgohtefcrteiqune,nSceycusriigtnyalsytsrtaenmssmitters/receivers.Telecom CPE
- XDSL Splitter and Audio systems XDSL

3. PART NUMBERING SYSTEM

3.1 Part Number

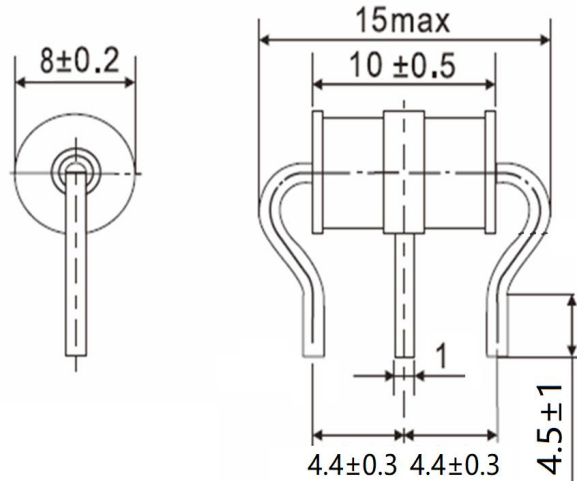
Example:ST10800752H0

ST1080	075	2H0
↓	↓	↓
1	2	3
1 .Product Series.....		ST1080
2 .DC Spark-Over voltage		075
3 .Supplementary Code.....		2H0

4. PRODUCT SIZE DRAWING

Package outline

Unit: mm



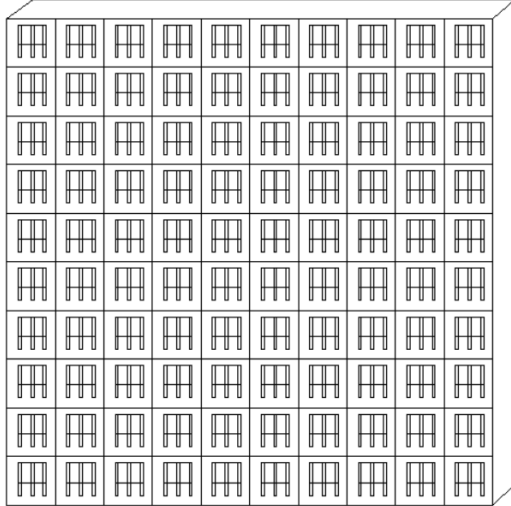
5. ELECTRICAL SPECIFICATIONS

Electrical Characteristics

Catalog Number	DC Spark-Over voltage 100V/S	Impulse Spark-Over voltage 1KV/us max	Nom impulse discharge current 8/20 $\pm$ 5T (60S)	Insulation Resistance	Capacitance 1MHZ <6V
ST1080-075-2H	75 $\pm$ 30% V	700V	(A+B) - C 10000A	50V >1000M Ω	<1pF
ST1080-091-2H	90 $\pm$ 30% V	650V	(A+B) - C 10000A	50V >1000M Ω	<1pF
ST1080-151-2H	150 $\pm$ 20% V	600V	(A+B) - C 10000A	50V >1000M Ω	<1pF
ST1080-201-2H	200 $\pm$ 20% V	600V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-231-2H	230 $\pm$ 20% V	700V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-301-2H	300 $\pm$ 20% V	800V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-351-2H	350 $\pm$ 20% V	900V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-421-2H	420 $\pm$ 20% V	1100V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-471-2H	470 $\pm$ 20% V	1200V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-601-2H	600 $\pm$ 20% V	1400V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-801-2H	800 $\pm$ 20% V	1600V	(A+B) - C 10000A	100V >1000M Ω	<1pF
ST1080-102-2H	1000 $\pm$ 20% V	1800V	(A+B) - C 10000A	100V >1000M Ω	<1pF

6. PACKING INFORMATION

Standard Packing



100 PCS /PVC 500 PCS/box 5000 PCS/carton