

Surface mounted Gas Discharge Tube
贴片气体放电管



◆ **Features / 特性**

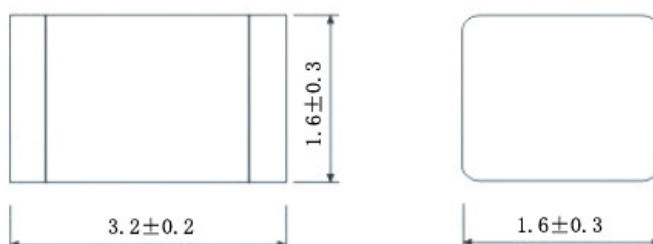
1. Surface mouted Gas Arrester
2. IEC61000-4-2 150pF-330Ω – 15kV
3. Impulse wave form 10X700μs – 2KV
4. Impulse current capacity 0.5KA 8X20μs
5. ROHS Compliant.



◆ **Application / 应用**

1. CATV modem, Telecom protection
2. Hub protection, Security systems
3. XDSL Splitter and Audio systems
4. Splitters, Telecom CPE
5. Set-Top Box protection

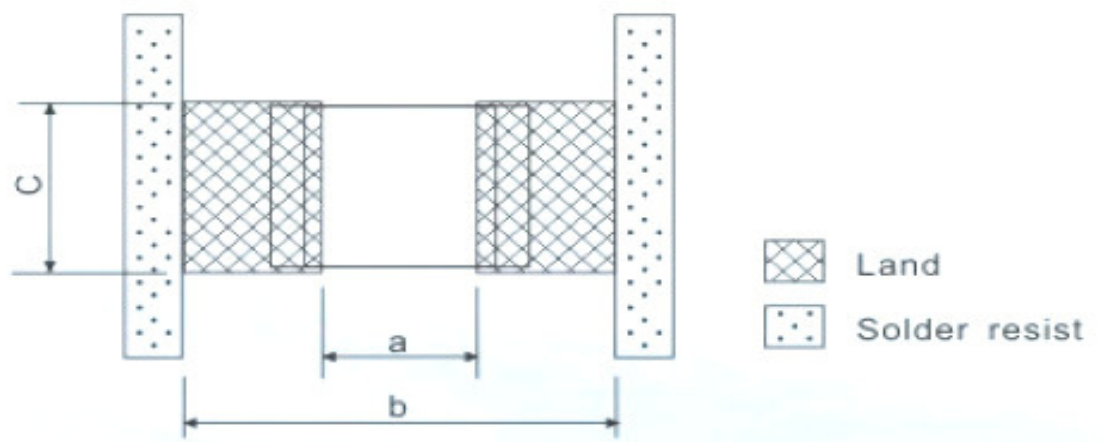
◆ **Dimensions(mm) / 尺寸**



◆ **Electrical Specifications / 电气特性**

Part Number 料号	DC Spark-Over Voltage 标称直流击穿电压100V/s Vs(V)	Impulse Spark Over 冲击击穿电压 1KV/μS Vis(V) Max.	Nom Impulse Discharge Current 耐冲击电流 10X700μs(KA)	Nom Impulse Discharge Current 耐冲击电流 8X20μs(KA)	Insulation Resistance 绝缘电阻		Capacitance 电容值 C 1KHz<6V pF Max.
					Min. MΩ	DC V	
CMSG2S2R90	90V±20%	500	2.0	0.5	100	50	1.0
CMSG2S2R140	140±20%	600	2.0	0.5	100	50	1.0
CMSG2S2R200	200±20%	600	2.0	0.5	100	100	1.0
CMSG2S2R300	300±20%	800	2.0	0.5	100	100	1.0
CMSG2S2R400	400±20%	900	2.0	0.5	100	100	1.0
CMSG2S2R500	500±20%	1000	2.0	0.5	100	100	1.0

◆ Recommended Land Pattern



Soldering Moder	Dimensions(mm)		
	a	b	c
Reflow Soldering	1.8~2.0	3.8~5.5	1.2~2.2
Flow Soldering	1.8~2.0	2.4~3.6	1.2~1.6

◆ Materials / 材料

Ceramic Body / End plate
Element: Silver or Silver
Metallization of ceramic body
High temperature solder perform
End termination overcoat: Nickel Flash, Tin/Lead

◆ Operation Temperature / 工作温度

-40℃ to 125℃

◆ Packaging/包装

On Tape: CMSG2S2R Series-2500pcs Per Reel
CMSG2S2R Series-2500pcs on box