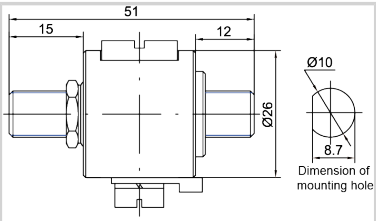
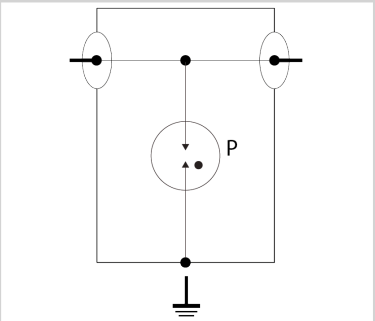
P8AX09-F/FF



-Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed



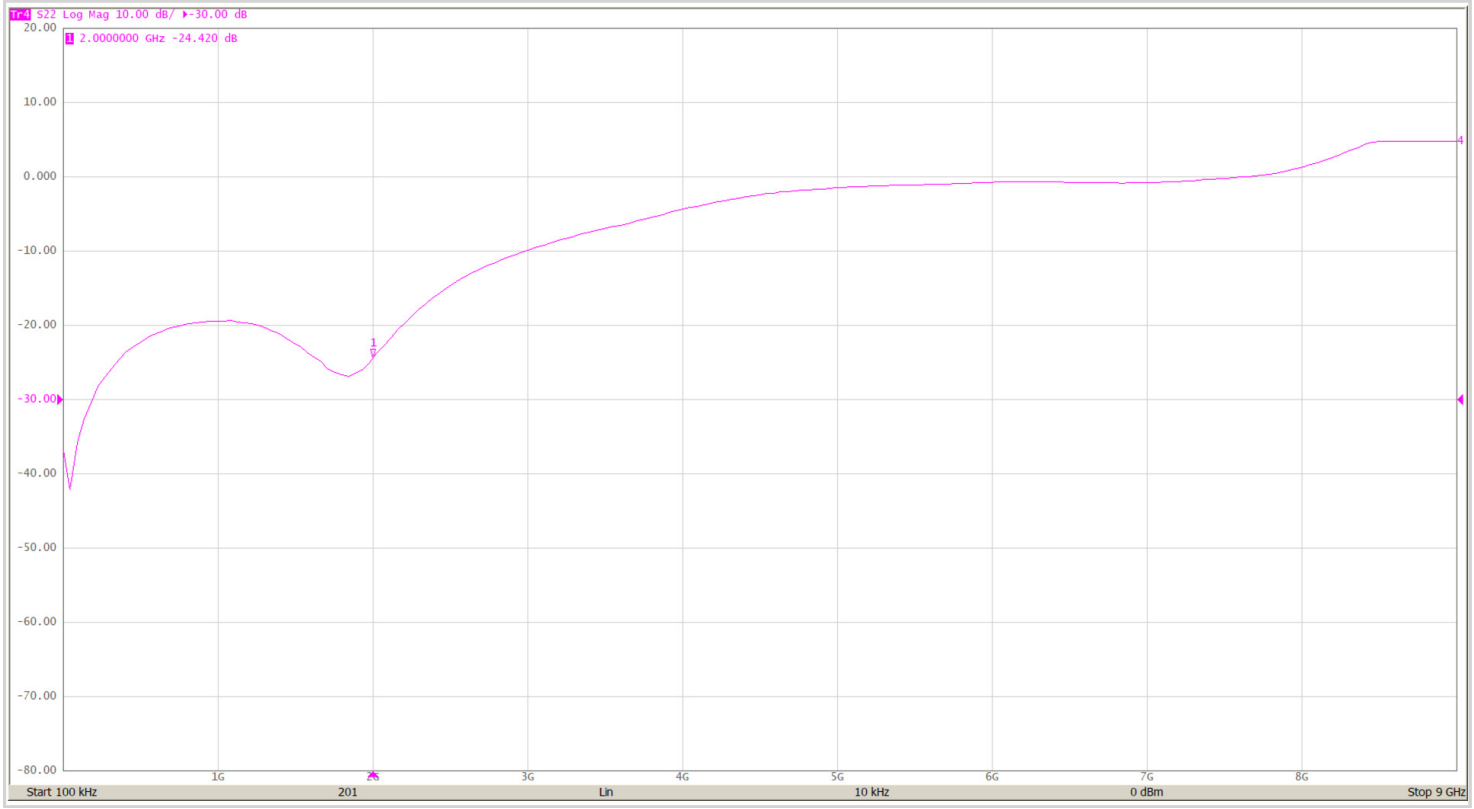


Electrical Characteristics		
Max. DC operating voltage	Uc	72 Vdc
Frequency range	f	DC-2 GHz
Insertion loss		< 0.5 dB
Return loss		> 18 dB
Impedance		75 ohms
VSWR		< 1.3:1
Max. load current @25°C	IL	10 A
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Nominal discharge current *C2 Category*	In	5 kA
Protection mode(s)		Common mode
Protection level *@1kV/µs (C3)*	Up	< 650 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	1 kA
Max RF Power		25 W
Typical let through energy *(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs*		300 µJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
Installation		
Operating Relative Humidity*Max*	%RH	Can be submerged
Operating Altitude*Min*	Ft	2000.0000
Operating Altitude*Max*	Ft	6500.0000
Housing/Enclosure material		Cu, Zn, Sn plated Brass
Mounting		Bracket or Bulkhead through-hole
IP Environmental rating*IP*		IP66
Installation Location		Indoor / outdoor
Spare part		BB HF 90/20
Accessories		BK series mounting bracket
Product Dimension*L*	mm	51.0000
Product Dimension*H*	mm	26.0000
Product Dimension*W*	mm	8.7000
Product Dimension*L*	In	2.0100
Product Dimension*H*	In	1.0200
Product Dimension*W*	In	0.3400
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector F Female/Female
Mounting		Bulkhead or Bracket
Operating temperature	Tu	-40/+85°C
Protection rating		IP66
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Standards		
Environmental standards		EU RoHS
RohS compliance		Yes
UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993

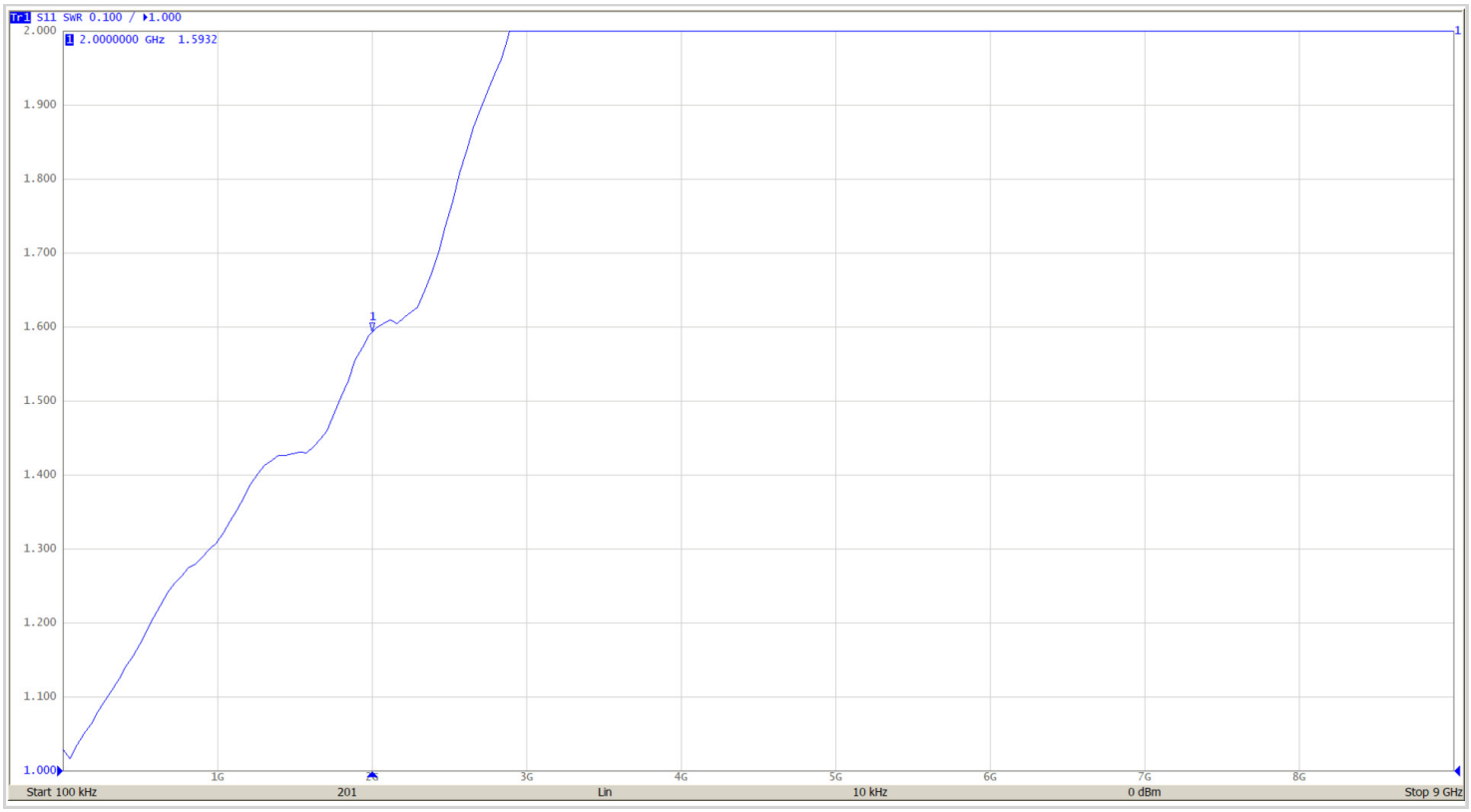
P8AX09-F/FF

Part number
60211





P8AX09-F/FF


Tr1 S11 SWR 0.100 / 1.000
1 2.0000000 GHz 1.5932
2.000
1.900
1.800
1.700
1.600
1.500
1.400
1.300
1.200
1.100
1.000
1G
3G
4G
5G
6G
7G
8G
Start 100 kHz
201
Lin
10 kHz
0 dBm
Stop 9 GHz