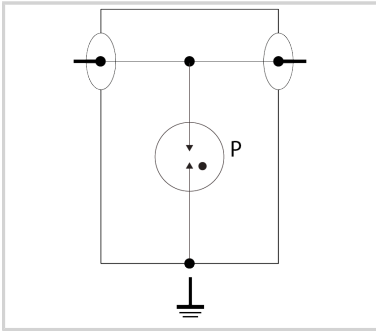




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## P8AX15-NWSMA/FF



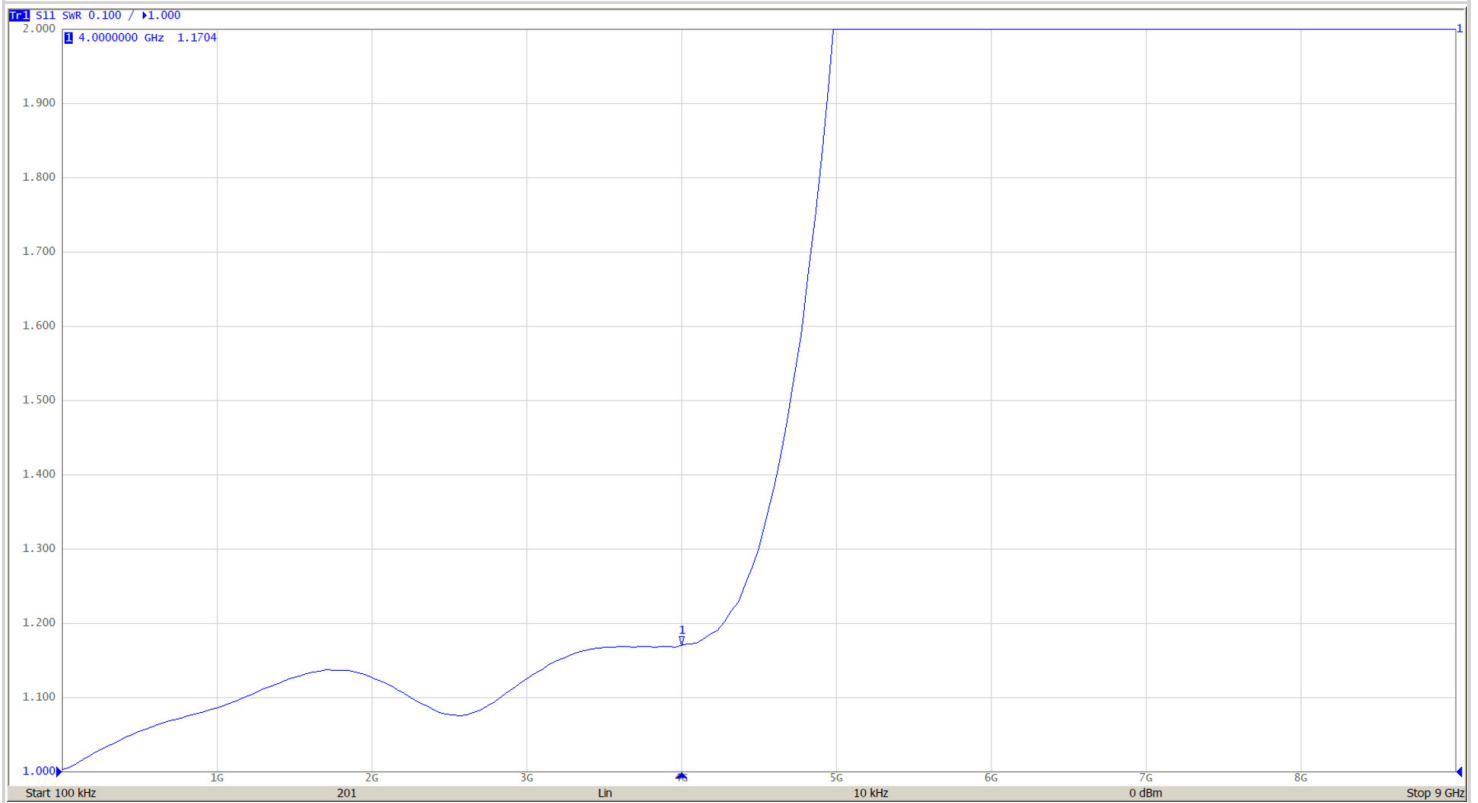
Electrical Characteristics		
Max. DC operating voltage	Uc	120 Vdc
Frequency range	f	DC-3.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2:1
Max. load current @25°C	IL	10 A
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	20 kA
Nominal discharge current <i>C2 Category</i>	I <sub>n</sub>	5 kA
Protection mode(s)		Common mode
Protection level <i>@1kV/μs (C3)</i>	U <sub>p</sub>	< 700 V
Impulse current <i>2 x 10/350μs Test - D1 Category</i>	I <sub>imp</sub>	1 kA
Max Power		70 W
Typical let through energy <i>(50 ohms) input 4kV 1.2/50μs - 2kA 8/20μs</i>		320 μJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
RF SPD TYPE		UL497E LISTED
VOLTS	(V)	48
AC/DC/DC PV/RF		RF
WIRES		1W+GROUND
LINE CURRENT MAX	(A)	10
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
IMAX <i>8/20μs</i>	(kA)	20
FREQUENCY RANGE	(GHz)	0-4.0
INSERTION LOSS (@ FREQ)	(db)	<0.2
RETURN LOSS	(db)	22
VSWR		<1.25:1
Installation		
Mounting		Bracket or Bulkhead through-hole
Accessories		BK series mounting bracket
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector N Female/SMA Female
Mounting		Bulkhead or Bracket
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP65
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
TECHNOLOGY		GDT
CONNECTION METHOD		SERIES CONNECTOR, BI-DIRECTIONAL
MOUNTING		BULKHEAD, OPTIONAL BRACKET
MATERIAL		Housing-Cu, Zn, Sn plated Brass
NEMA RATING (IP RATING)		NEMA 6P (IP67)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs
Standards		
Environmental standards		EU RoHS
RohS compliance		Yes
UL STANDARD		UL497E



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## P8AX15-NWSMA/FF

UL CATEGORY	QVLA
UL FILE NUMBER	E349646
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
<b>Part number</b>	<b>611728</b>





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