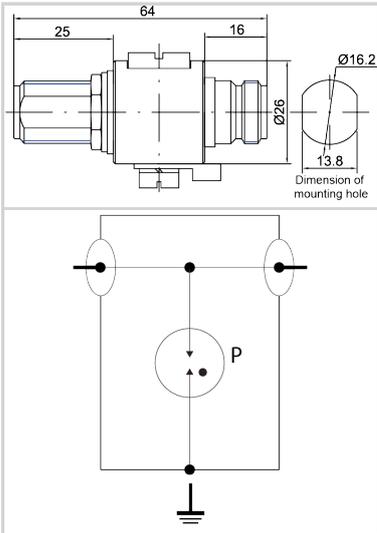




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P8AX15-N/FF



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>	Imax	20 kA
Nominal discharge current <i>C2 Category</i>	In	5 kA
Protection mode(s)		Common mode
Protection level <i>@1kV/µs (C3)</i>	Up	< 700 V
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	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

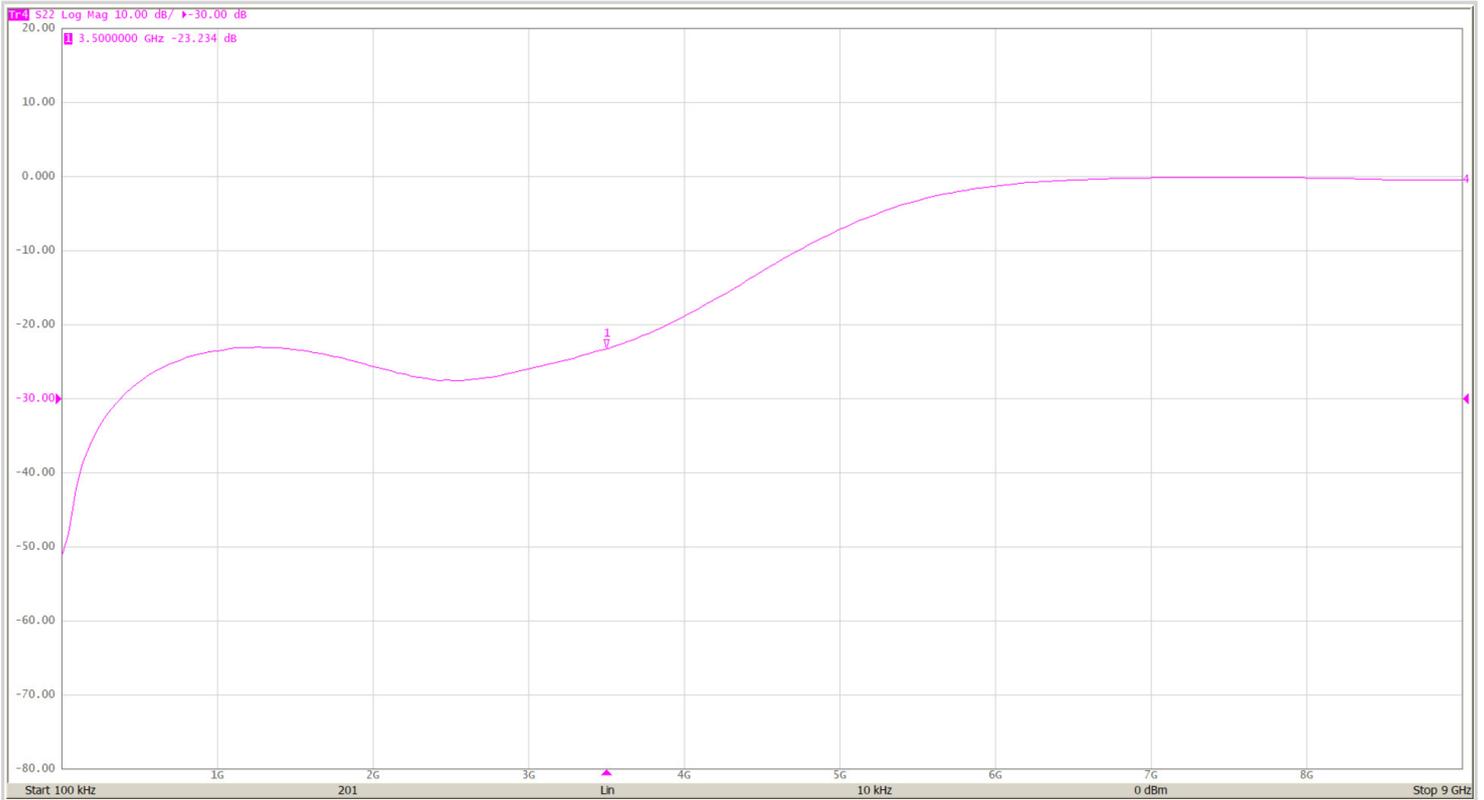
Technology	Gas discharge tube
Connection to Network	Connector N Female/Female
Mounting	Bulkhead or Bracket
Operating temperature	Tu -40/+85°C
Protection rating	IP65
Failsafe mode	Short-circuit
Contacts	Bronze/Surface Au-Ag
Insulation material	PTFE
TECHNOLOGY	GDT



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P8AX15-N/FF

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
UL CATEGORY	QVLA
UL FILE NUMBER	E349646
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
60012	





P8AX15-N/FF

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