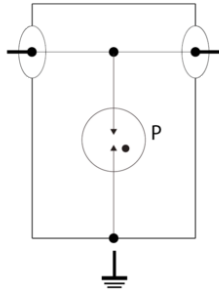
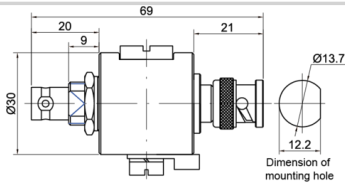




# CITEL

## P8AX09-B/MF/75



### Electrical Characteristics

Max. DC operating voltage	Uc	72 Vdc
Frequency range	f	DC-2 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		75 ohms
VSWR		<1.2:1
Max. load current @25°C	IL	10 A
Protection mode(s)		Common mode
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	1 kA
Nominal discharge current <i>C2 Category</i>	In	5 kA
Max Power		25 W
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

### Mechanical Characteristics

Technology		Gas discharge tube
Connection to Network		Connector BNC Male/Female
Failsafe mode		Short-circuit
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Weight		0.138 kg
TECHNOLOGY		GDT
CONNECTION METHOD		SERIES CONNECTOR, BI-DIRECTIONAL
MOUNTING		BULKHEAD, OPTIONAL BRACKET
MATERIAL		Cu, Zn, Sn plated Brass, PTFE
NEMA RATING (IP RATING)		NEMA 6P (IP67)
DIMENSIONS		See diagram
WEIGHT		0.30 lbs

### Standards

RohS compliance		Yes
UL STANDARD		UL497E
UL CATEGORY		QVLA
UL FILE NUMBER		E349646
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS

### Part number

6006312

