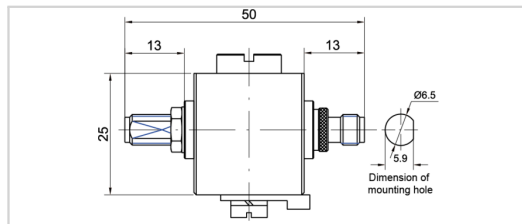


P8AX09-6G-SMA/FF



- ✦ Gas Discharge Tube Technology, DC Pass
- ✦ Frequency Range 0-6.9GHz
- ✦ I_{max} 20kA, 10kA (UL), I_n 10kA
- ✦ IP67 Outdoor Rated
- ✦ N-Type Connector
- ✦ Bi-Directional
- ✦ Replaceable Gas Tube



Electrical Characteristics		
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
IN(10 impulses 8/20μs)	[kA]	10.0000
IMAX(8/20μs)	[kA]	20
FREQUENCY RANGE	[GHz]	0-6.9
INSERTION LOSS	[db]	<0.2
RETURN LOSS	[db]	>22
VSWR		<1.25:1
Mechanical Characteristics		
Technology		Gas discharge tube
Dimensions		See diagram
Insulation material		PTFE
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 (mm)
WEIGHT		0.30 lbs
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E
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		
68511		