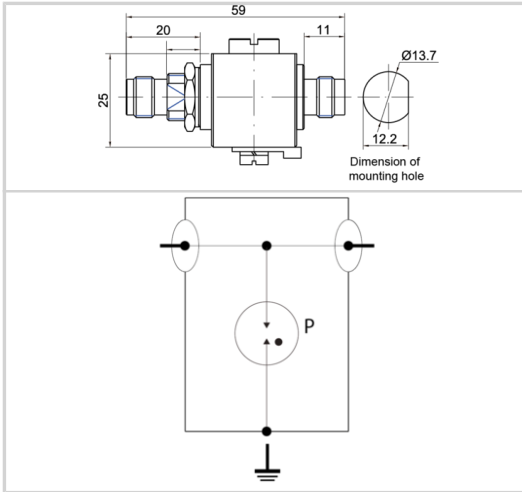


P8AX25-6G-T/FF



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



Electrical Characteristics	
Max. DC operating voltage	Uc 200 Vdc
Frequency range	f DC-7 GHz
Insertion loss	0.3 dB
Return loss	> 18 dB
Impedance	50 ohms
VSWR	< 1.3:1
Max. load current @25°C	IL 10 A
Protection mode(s)	Common mode
Impulse current 2 x 10/350µs Test - D1 Category	Iimp 1 kA
Nominal discharge current C2 Category	I _n 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 8/20µs	(kA) 20
FREQUENCY RANGE	(GHz) 0-6.9
INSERTION LOSS (@ FREQ)	(db) <0.2
RETURN LOSS	(db) >22
VSWR	<1.25:1
Mechanical Characteristics	
Technology	Gas discharge tube
Connection to Network	Connector TNC Female/Female
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	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	
68314	