Coaxial surge protector DC-2.5 GHz

P8AX50-U/MF



- RF coaxial surge protector
- 2.5 GHz
- 770 W
- Connectors : UHF
- Low insertion loss
- Removale GDT
- DC-pass
- Bi-directional protection

Electrical Characteristics		
Max. DC operating voltage	Uc	400 Vdc
Frequency range	f	DC-2.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2
Max. load current @25°C	IL	10 A
Residual Current *Leakage current to Ground*	Ipe	None
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Nominal discharge current *C2 Category*	In	5 kA
Protection mode(s)		Common mode
Protection level *@1kV/µs (C3)*	Up	< 1200 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	1 kA
Max RF Power		780 W
Typical let through energy *(50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs*		1100 µJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector UHF Male/Female
Mounting		Bulkhead or Bracket
Housing material		Brass/Surface plating: Cu Zn Sn
Operating temperature	Tu	-40/+85°C
Relative Humidity		5 - 85%
Protection rating		IP65
Failsafe mode		Short-circuit
Disconnection indicator		Transmision interrupt
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497E
Environmental standards		EU RoHS
RohS compliance		Yes
Part number		
611811		