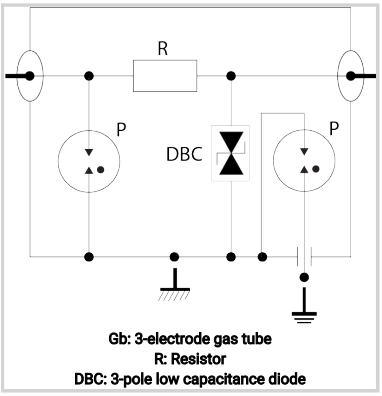
CNP06-B/MF



- Coaxial surge protector
- Imax : 20 kA
- Up to 1 GHz
- Connectors : BNC, F, TNC, TV(SE) EJ167



Gb: 3-electrode gas tube
R: Resistor
DBC: 3-pole low capacitance diode

Electrical Characteristics		
Network		coaxial DC-100 MHz
Nominal line voltage	Un	5 V
Max. DC operating voltage	Uc	10 Vdc
Max. frequency	f max.	DC-100 MHz
Insertion loss		≤ 0.5 dB
Return loss		≥20 dB
Impedance		50/75 ohms
VSWR		< 1.3:1
Max. load current @25°C	IL	0.5 A
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 L/N *@ In (8/20µs)*	Up L/N	20 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	2.5 kA
Max RF Power		4 W
DC Pass		No
VSWR *Maximum*	:1	<1.5
Max Discharge Current *Imax (8/20µs x 1)*	kA	20.0000
Max Total Discharge Current *Imax (8/20µs x 1)*	kA	20.0000
Max Discharge Current *Imax (8/20µs x 1)*	kA	20.0000
Max Discharge Current *Imax (8/20µs x 1)*	kA	20.0000
Max Discharge Current *Imax (8/20µs x 1)*	kA	20.0000
Installation		
Operating Temperature*Min*	°C	-40.0000
Operating Temperature*Max*	°C	85.0000
Operating Temperature*Min*	°F	-40.0000
Operating Temperature*Max*	°F	85.0000
Operating Relative Humidity*Max*	%RH	95
Operating Altitude*Min*	Ft	2000.0000
Operating Altitude*Max*	Ft	6500.0000
Housing/Enclosure material		Metal + Plastic
Mounting		Surface mount
IP Environmental rating*IP*		IP20
Installation Location		outdoor
Accessories		90° Stainless steel bracket
Product Dimension*L*	mm	61.0000
Product Dimension*H*	mm	24.0000
Product Dimension*W*	mm	48.0000
Product Dimension*L*	In	2.4000
Product Dimension*H*	In	0.9400
Product Dimension*W*	In	1.8800
Miscelaneous		
Individual Pack		No
Storage Temperature*Min*	°C	-40.0000
Storage Temperature*Max*	°C	85.0000
Storage Temperature*Min*	°F	-40.0000
Storage Temperature*Max*	°F	85.0000
Installation		
Cable type		Coax
Mechanical Characteristics		
Technology		GDT+TVS diode

CNP06-B/MF

Connection to Network		Connector BNC Male/Female
Format		Insulating box
Mounting		On plate
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmision cut-off - fault mode 2
Part number		
632611		