CXP09-F/MF

- Coaxial surge protector low frequency
- Imax : 20 kA
- Up to 1 GHz
- Connector N

Electrical Characteristics		
Network		coaxial DC-1000 MHz
Nominal line voltage	Un	< 50 V
Max. DC operating voltage	Uc	< 60 V
Operating current *Continious current at Uc*	Ic	none
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	20 kA
Max. load current	IL	0.5 A
Protection mode(s)		MC
Protection level *@ In (8/20µs)*	Up	< 700 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	2.5 kA
Nominal discharge current *8/20µs Test x 10 - C2 Category*	In	5 kA
Max. frequency	f	DC-1 GHz
Impedance		75 ohms
Insertion loss		< 0.6 dB
Max Power		25 W
Return loss		> 16 dB
VSWR		< 1.35:1
Insulation resistance		≥10 GOhms
Maximum Follow current *If*	A	None
bandwith limit *low*	kHz	dc
bandwith limit *high*	kHz	1000000
Impedance	Ω	50/75
Insertion loss *Maximum*	db	<0.5
Return Loss *Minimum*	db	>20
VSWR *Maximum*	:1	<1.3:1
Nominal Discharge Current *In (8/20µs x 10)*	kA	5

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DC Pass		No
Connection Method		Series (bi-directional)
End of life		Short-circuit

Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		Connector F Male/Female
Format		Metallic box
Mounting		on plate
Housing material		Brass
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe behavior		Short-circuit
Disconnection indicator		transmission interrupt
Technology		DIODE+GDT

Norms		
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497C / UL497E

Code article	631611