



Electrical Characteristics

Frequency range	f	DC-2 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		75 ohms
VSWR		<1.2:1
Max. load current	IL	10 A
Protection mode(s)		Common mode/Differential mode
Impulse current ² x 10/350µs Test - D1 Category	I _{imp}	1 kA
Nominal discharge current ² Category	I _n	5 kA
Max Power		25 W
DC Pass		true
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
IN10 impulses 8/20µs	(kA)	10.0000
IMAX8/20µs	(kA)	20
FREQUENCY RANGE	(GHz)	0-4.0
INSERTION LOSS (@ FREQ)	(db)	<0.2
RETURN LOSS	(db)	>22
VSWR		<1.25:1

Mechanical Characteristics

Outdoor application		Yes
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Weight		0.138 kg
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

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

6006312