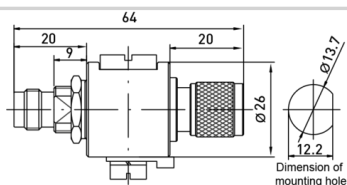




➤4GHz Bi-Directional Coaxial Surge Protector - High Energy GDT Technology - Low Insertion Loss - Field Replaceable GDT - Waterproof Design - DC Pass - UL497E Listed



Electrical Characteristics		
Frequency range	f	DC-3.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 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 C2 Category	I _n	5 kA
Max Power		25 W
DC Pass		true
Insulation resistance	IR	≥10 GOhms
RF PowerMaximum	W	25.0000
Return LossMinimum	db	>20
VSWRMaximum	:1	<1.2:1
Max Total Discharge CurrentI _{max} (8/20µs x 1)	kA	10.0000
Max Discharge CurrentI _{max} (8/20µs x 1)	kA	10.0000
DC Pass		Yes
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
label.propertyGroup.INSTALLATION		
Operating TemperatureMin	°C	-45.0000
Operating TemperatureMax	°C	85.0000
Operating TemperatureMin	°F	-50.0000
Operating TemperatureMax	°F	85.0000
Operating Relative HumidityMax	%RH	Can be submerged
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Housing/Enclosure material		Cu, Zn, Sn plated Brass
Mounting		Bracket or through hole
IP Environmental ratingIP		IP65
NEMA Environmental ratingNEMA		NEMA 4
Installation Location		Indoor / outdoor
Spare part		BB HF 90/20
Accessories		BK
Product DimensionL	mm	64.0000
Product DimensionH	mm	26.0000
Product DimensionW	mm	12.2000
Product DimensionL	In	2.2000
Product DimensionH	In	1.0200
Product DimensionW	In	0.4800
label.propertyGroup.MISCELLANEOUS		
Individual Pack		No
Storage TemperatureMin	°C	-40.0000

Storage TemperatureMax	°C	85.0000
Storage TemperatureMin	°F	-40.0000
Storage TemperatureMax	°F	85.0000
Mechanical Characteristics		
Outdoor application		Yes
Contacts		Bronze/Surface Au-Ag
Insulation material		PTFE
Weight		0.115 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		
60301		