

Programmed Attenuator

Part No:Lktsj-0.1/40-0.5s

Features:

- Freq. Range: 0.1~40GHz
- Attenuation range: 31.5dB 0.5dB Step



Specification				
Model No.	Freq.Range	Min.	Typ.	Max.
LKTSJ-0.1/40-0.5S	0.1-40 GHz	0.5dB Step		31.5 dB
Attenuation Accuracy	0.5-15 dB		±1.2 dB	
	15-31.5 dB		±2.0 dB	
Attenuation Flatness	0.5-15 dB		±1.2 dB	
	15-31.5 dB		±2.0 dB	
Insertion Loss			6.5 dB	7.0 dB
Input Power			25 dBm	28 dBm
VSWR			1.6	2.0
Control Voltage			+3.3V/-3.3V	
Bias Voltage			+3.5V/-3.5V	
Current			20 mA	
Logic Input	“1” = on; “0” = off			
Logic“0”		0		0.8V
Logic“1”		+1.2V		+3.3V
Impedance	50 Ω			
RF Connector	2.92-(f)			
Input Control Connector	15 Pin Female			
Weight	25 g			
Operation Temperature	-45℃ ~ +85 ℃			

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Truth Table

Truth Table:

D-sub15 Definition:

Control Input TTL						Signal Path State
C6	C5	C4	C3	C2	C1	
0	0	0	0	0	0	Reference IL
0	0	0	0	0	1	0.5dB
0	0	0	0	1	0	1dB
0	0	0	1	0	0	2dB
0	0	1	0	0	0	4dB
0	1	0	0	0	0	8dB
1	0	0	0	0	0	16dB
1	1	1	1	1	1	31.5dB

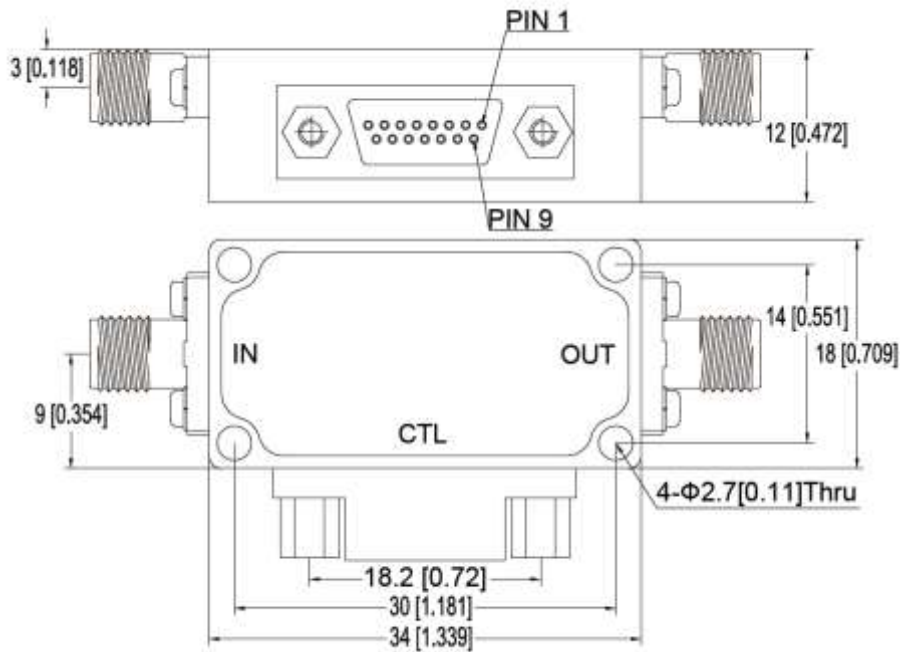
1	+3.3V
2	GND
3	-3.3V
4	C1
5	C2
6	C3
7	C4
8	C5
9	C6
10-15	NC

Outline Drawing:

All Dimensions in mm

Tolerances : Unnoted tolerances are in class m of GB-T1804-2000

All Connectors:2.92-F



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