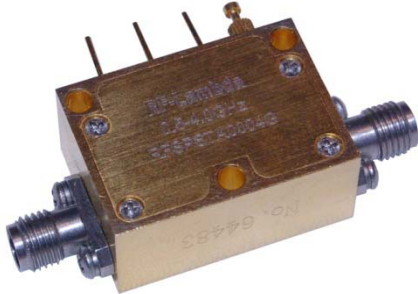




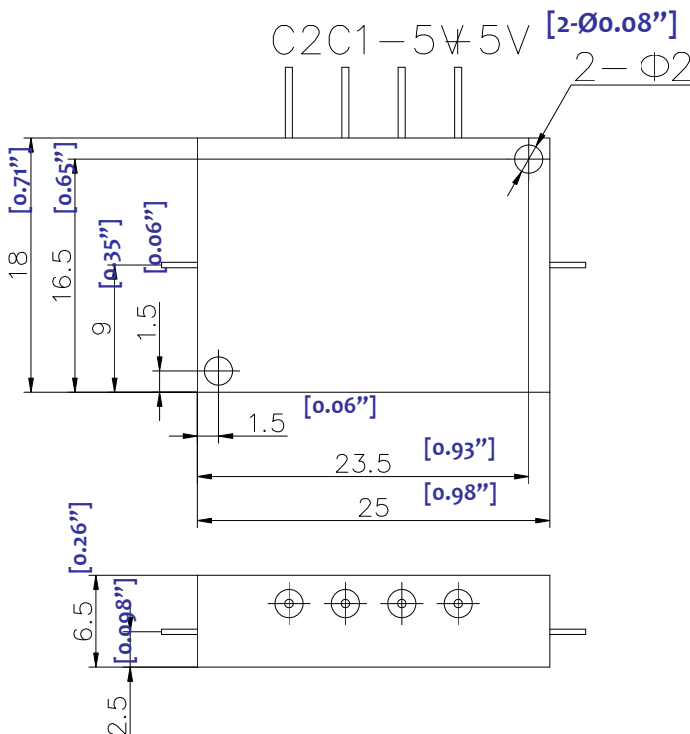
Absorptive 0.8-20GHz PIN Diode Digital Attenuator



- Wide Band Operation 0.8-20GHz
- High Power Handle up to 50W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss good attenuation accuracy
- Temperature Range -55°C~+85°C
- Customization available upon request

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

3.0	Electrical Specifications	
3.1	Frequency	0.8-20GHz
3.2	Max. VSWR	2.0:1 max.
3.3	Power	+23dBm operational +27dBm no damage
3.4	Insertion Loss	5.0dB max.
3.5	Range / Step	30dB total /10dB step
3.6	Switching speed	100ns typ. (1W unit)
3.7	Accuracy	0dB, 10dB+/-0.8, 20dB+/-1, 30dB+/-1.5
3.7	TTL Control (Balance)	C2 C1 Attenuation 0 0 IL 0 1 10dB 1 0 20dB 1 1 30dB
3.8	DC Control	+5V (60-80mA) -5V(60-80mA)



1.0	Mechanical Specifications	
1.1	Basis-material	Brass
1.2	Coaxial Connector	SMA Female
1.3	External Body Finish	Nickel plating

* - Insertion loss variation over temperature 0.03dB/1°C

Absorptive Digital Step Attenuator 0.8-20GHz