

FDO-10100-15

10.1GHz, 15dBm

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

- * Wireless
- * Transceiver
- * Laboratory Test
- * Radar

Electrical

Frequency:	10.1GHz
Mechanical Tuning:	±10MHz min.
Voltage Tuning:	±5MHz min. (0~12V)
Frequency Tuning Speed:	5~10MHz
Frequency Temperature	5ppm/°C max.
Stability:	
Output Power:	15dBm min.
Phase Noise:	-20dBc/Hz max. @10Hz -40dBc/Hz max. @100Hz -70dBc/Hz max. @1KHz -100dBc/Hz max. @10KHz -120dBc/Hz max. @100KHz -140dBc/Hz max. @1MHz
Harmonic:	-25dBc max.
Spurious:	-80dBc max.
Voltage:	+12V
Current:	180mA max.

Mechanical

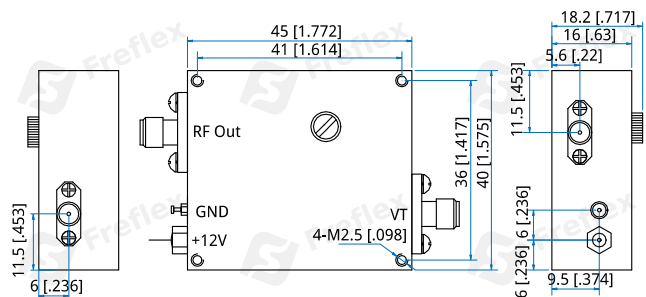
Size ^{*1} :	45*40*16mm 1.772*1.575*0.63in
Tuning Voltage Connectors:	SMA female
Output Connectors:	SMA female
Power Supply Connectors:	Feed through/Terminal post

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+75°C
No-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FDO-10100-15

Customization is available upon request.