

Description

US/PA/30/755-IF is a IF Power Amplifier module. It operates from 10 MHz to 1500 MHz The module operates using a +12 to +15V supply and uses SMA connectors for input and output.

Features

- DC Reverse Protected
- SMA Connector
- Available for various frequency range.
- Customization can be done based on the customer requirement.

Applications

- Wireless Infrastructure
- Military/Defense/Aerospace
- Test and Measurement

Specifications

Electrical Characteristics	
Frequency Range	10 - 1500 MHz
Gain	30 dB min
P 1dB	+5dBm (min)
Gain Flatness	±1.25 dB max.
Noise Figure	2 dB max. for 100MHz & above
Non Harmonic Spurious	-60 dBc min.
Input VSWR	≤ 1.8:1
Output VSWR	≤ 1.8:1
Input & Output Impedance	50 Ohms
DC Power Supply	+12 V to +15 V
Input Connector	SMA Female
Output Connector	SMA Female
Ground Connectivity	Solder Lug
DC Connectivity	Feedthrough
Operating Temperature	0 °C to +50 °C
Dimensions	80 x 45 x 20 mm approx.

Drawings

