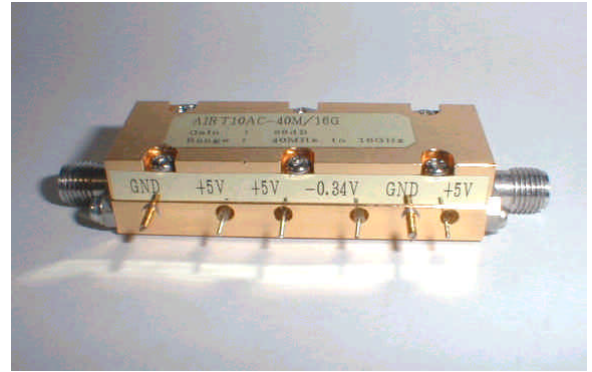


AIRT10AC-40M/16G

Low power wideband amplifier

- Wideband linear amplifier
- High end frequency ; 16GHz
- Low power (+10dBm) drive
- Excellent flat delay response
- High gain (38dB)
- Low reflection



Electrical specification

Bandwidth	40MHz to 16GHz
Gain	38 \pm 1dB
Gain ripple relative to gain slope	\pm 1dB
Temperature coefficient	-0.1dB/deg
Operating temperature range	5deg to +60deg
Output power at 1dB compression	10dBm
Input return loss(<10GHz)	<-15dB
Output return loss(<10GHz)	<-15dB
Rise time	25ps
Overshoot	1%
Noise figure	<12dB
Supply voltage	+5V/150mA
Dimensions	21mm X 40mm X 12mm

