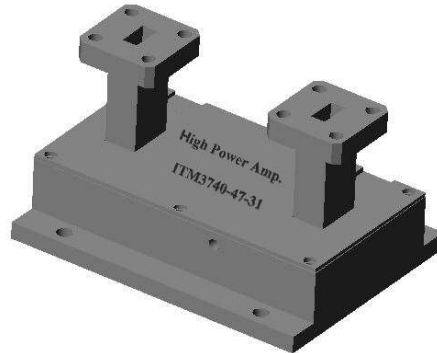


mm-wave High Power Amplifier

S/N: ITM3740-47-31



Frequency Range	37-40 GHz
Gain (Small Signal)	47 dB
Output Power @ 1 dB compression	31.5 dBm
saturated output power (PSAT)	32 dBm
High output third-order intercept (IP3)	40 dBm
Power Added Efficiency, PAE	18 %
Input Return Loss	12 dB
Output Return Loss	13 dB
Input Connector	WR-28 Waveguide Input
Output Connector	WR-28 Waveguide Output
Dimensions(L*W*H)	72*53*20 mm
Cooling	Forced Air
Operating Temp. Range	-40 to +85°C