

4.4 ~ 5.0GHz 20W High Power Amplifier

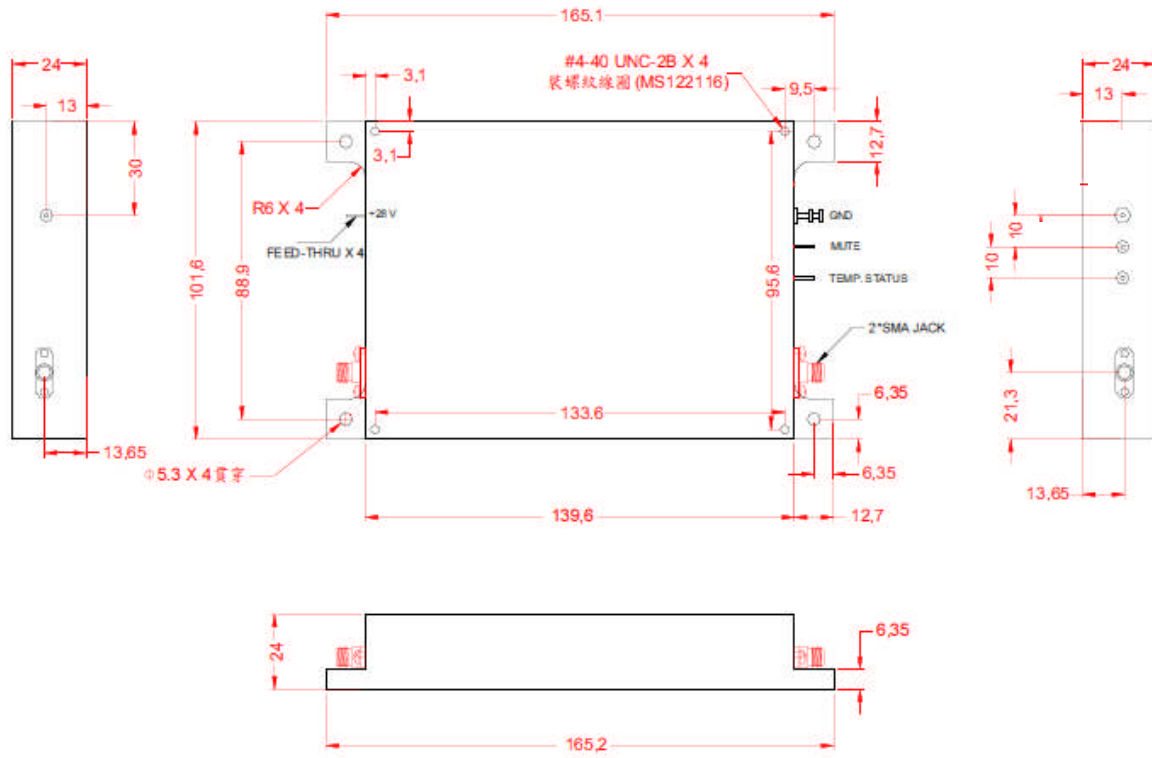
FEATURES

- Bias Condition: 5A @ 28V
- Pout: >+43dBm
- Gain: >40dB

ELECTRICAL SPECIFICATIONS (specified at 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	4.4		5.0	GHz
Gain	Small Signal Gain	40	42		dB
GOF	Small Signal Gain Flatness			+/-1.25	dB
H	Harmonics @ Pout			-30	dBc
Pout	Output Power @ Pin = +6dBm	+43			dBm
VSWR, IN	Input VSWR			2:1	-----
VSWR, OUT	Output VSWR, O/P isolator included			1.5:1	-----
SW	DC Switching On/Off Time(Mute)			1000	nSec
VDC	DC Supply Voltage(with internal regulator)		+28		Volt
IDC	Current Supply		5	5.5	A
OTR	Operating Temperature Range	-30		+55	°C

Case: As shown attached, unit is in mm, with SMA female RF connectors



Unit : mm