TRANSCOM

TA040-060-40-40

REV3_20040412

4 – 6 GHz 10W Amplifier

FEATURES

- P_{out} : 40 dBm(min.)
- Bias Condition : 8A @ 12 V
- Small Signal Gain : 40 dB

ELECTRICAL SPECIFICATIONS (Ta = 25 ° C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	4		6	GHz
SSG	Small Signal Gain	40			dB
GOF	Small Signal Gain Flatness		±1	±2	dB
NF	Noise Figure		5		dB
P_{1dB}	1dB Compression Output Power	39			dBm
Pout	CW Saturation Power	40			dBm
Pin	Rated Input Power for Nominal Pout		0		dBm
P.M	Phase Matching			+/-15	Degree
VSWR, IN	Input VSWR		1.7:1	2:1	------
VSWR, OUT	Output VSWR		1.7:1	2:1	------
VDC	DC Supply Voltage (with built-in regulator)		12		Volt
IDC	Current Supply		8		A
ST	Switching Time		10		usec
OTR	Operating Temperature Range	-30		60	° C

Outline : HA2

Connectors : SMA (F)

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