

Specification

For

TC50708

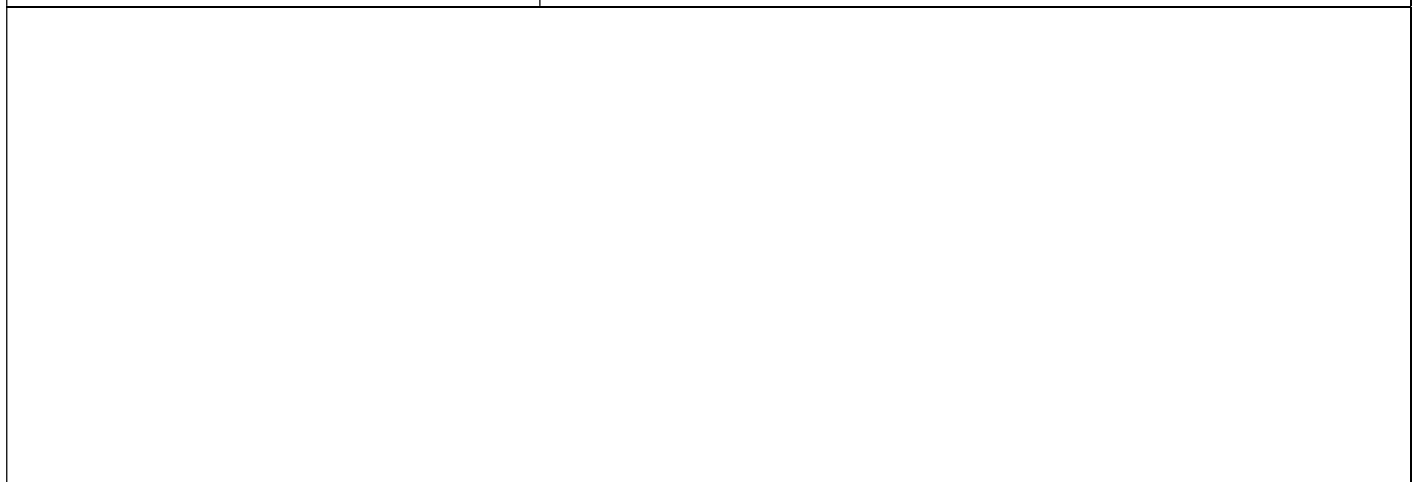
30 ~ 520 MHz 10W Gain Control Amplifier

版次	RLSE DATE	變更內容
1	2025/02/18	原始檔案

TRANSCOM, INC. 台南市新市區台南科學工業園區大順 7路90號	SIZE A	DWG NO SPE-250218A	REV 1
	SCALE	RLSE DATE 2025/02/18	SHEET 1 OF 3

1.0 Electrical Characteristics (at 25°C)

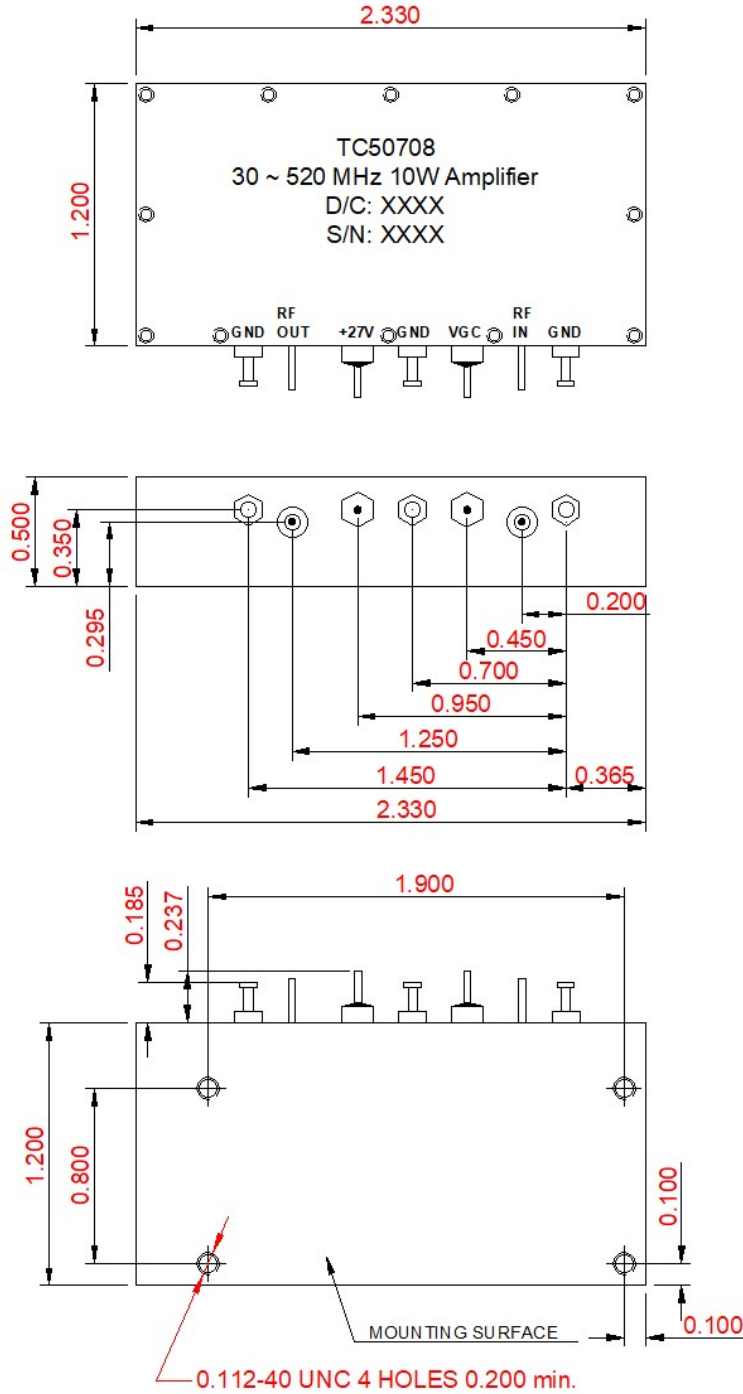
Frequency Range	30 to 520 MHz
Gain @V _{GAIN CONTROL} =+1.5V	2 dB Typ.
Gain @V _{GAIN CONTROL} =+7V	25 dB Typ.
Gain @V _{GAIN CONTROL} =+10V	27 dB Typ.
Gain Control Range	0dB Min. @V _{GAIN CONTROL} =+1.5V
	25dB Max. @V _{GAIN CONTROL} =+10V
Input VSWR	1.5 : 1 @30-520MHz
Output VSWR	3.0 : 1 @30-100MHz
	2.0 : 1 @100-520MHz
Psat @V _{GAIN CONTROL} =+7V	39.0 dBm Typ.
Input Connector	RF PIN
Output Connector	RF PIN
Supply Voltage	+27V
Supply Current	1.0A MAX.
Operating Temperature Range	-40 ~ +70°C
Size	2.330 x 1.200 x 0.500 inch



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2.0 機械介面

2.1 尺寸 (單位: Inch)



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