



REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-12621	01/23/2024	KGLEBOVA	TGALLA

- 1. VDD
- 2. VDD
- 3. VDD
- 4. ENABLE
- 5. CURRENT SENSE
- 6. GND
- 7. GND
- 8. GND
- 9. TEMP SENSE

D-SUB 9-PIN, MALE		
PIN #	DESCRIPTION	SPECIFICATIONS
1, 2, 3	VDD	28 VDC
4	ENABLE	AMPLIFIER ENABLE: TTL LOGIC HIGH (3.3V) (INTERNALLY PULLED-LOW)
5	CURRENT SENSE	ANALOG VOLTAGE RELATIVE TO IDD @ 100MV PER AMPERE
6, 7, 8	GND	GROUND
9	TEMP SENSE	ANALOG VOLTAGE RELATIVE TO MODULE TEMPERATURE @ 10 MV/°C

NOTES:

1. ADEQUATE HEATSINK REQUIRED.

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 X = ±.2 [5] FRACTIONS ± 1/32
 .XX = ±.02 [0.5] ANGLES ± 1°
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:
 ≤12 [305] = +1 [25] / -0
 >12 [305] ≤ 60 [1524] = +2 [51] / -0
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY

Fairview Microwave
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION
47 dB GAIN, 50 WATT Psat, 1 GHz to 3 GHz, HIGH POWER GaN AMPLIFIER, SMA, CLASS AB

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SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	BPUCHASKI	FMAM5118	B