



| REVISION | | | | | |
|----------|-----|-------------|------------|------------|----------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | B | ECO-12621 | 03/11/2022 | KGLEBOVA | TGALLA |

| 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
an INFINIT@ brand

Website: www.FairviewMicrowave.com
Phone: 1.800.715.4396 | 1.972.649.6678

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

| | |
|-------|--------|
| SCALE | SHEET |
| NONE | 1 OF 1 |

DESCRIPTION
40 dB GAIN, 10 Watt Psat, 6 GHz TO 18 GHz, HIGH POWER GaN AMPLIFIER, SMA, CLASS AB

| | | | | |
|------|-----------|-----------|----------|-----|
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
| A | 3FKR5 | BPUCHASKI | FMAM5123 | B |