Fairview Microwave™
an INFINITE brand

LABEL

FMAM5080
V002162YYYYMMDDXXXX

Fairview Microwave
an INFINITE brand
www.fairviewmicrowave.com

28 VDC

MICRO-D
9-PIN SOCKET

A

2X
SMA FEMALE

.175
[4.45]
TYP

2.40±.04
[61.0±1.0]

2.24
[56.8]

1.29
[32.8]

5.48
[139.3]

5.12
[129.9]

RF IN
PWR / CTRL

ADEQUATE HEATSINK REQUIRED

+28VDC
RF ENABLE
+28VDC
GND
+28VDC
TEMP FLAG
GND
GND
GND

RF OUT

1.26
[32.1]

3.13
[79.6]

3.44
[87.4]

4X .130 [3.30]
⌵ THRU HOLES

DETAIL A

PIN 6
PIN 9
PIN 1
PIN 5

Pinout

Pin #	I/O	Function
3,4,5	I	DC Power (+28 Volts)
1,2,6,8	I	Ground
7	O	Over Temperature Flag 0V = Temperature Fault +5V = No Fault
9	I	RF Enable 0V or GND = RF ON +5V or NC = RF OFF

TOLERANCES:
.X = ± .2   [5.08]
.XX = ± .02   [.51]
.XXX = ± .005 [.13]

FRACTIONS
± 1/32
ANGLES ± 1°

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

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	5/28/2020	T.GALLA

TITLE

THIRD-ANGLE PROJECTION

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	SCALE	REV
A	3FKR5	K.DANG	FMAM5080	N/A	A

SHEET 1 OF 4