



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

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

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

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE NONE | SHEET 1 OF 1

DESCRIPTION  
43 dB GAIN, 20 Watt PSAT, 2 GHz TO 4 GHz, HIGH POWER GaN AMPLIFIER, SMA, CLASS AB

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	BPUCHASKI	FMAM5119	B

NOTES:  
1. ADEQUATE HEATSINK REQUIRED.

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