

## PA-35M45M-55-50W

Power Amplifier

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

- \* Wireless
- \* Transmitter
- \* Laboratory Test

### Electrical

Frequency range:	35-45 MHz
Power Gain:	55dB Typ.
Noise Figure:	5 dB Typ
Output RF Power @1dB:	≥ 47 dBm (50W) @ Psat
Class:	AB
Input / Output Impedance:	50Ω
Power Supply:	24 +/- 0.5 VDC
Max required Current:	6.5A (Psat)

### Mechanical

Size:	148 X 114.2 X 27 mm
Heat Exchange:	Conduction through baseplate
Weight:	300g
Input / Output Connector:	SMA FM / MSTB 2 pts M / BNC FM
Mounting:	4 × Φ4.50 through-hole

### Environmental

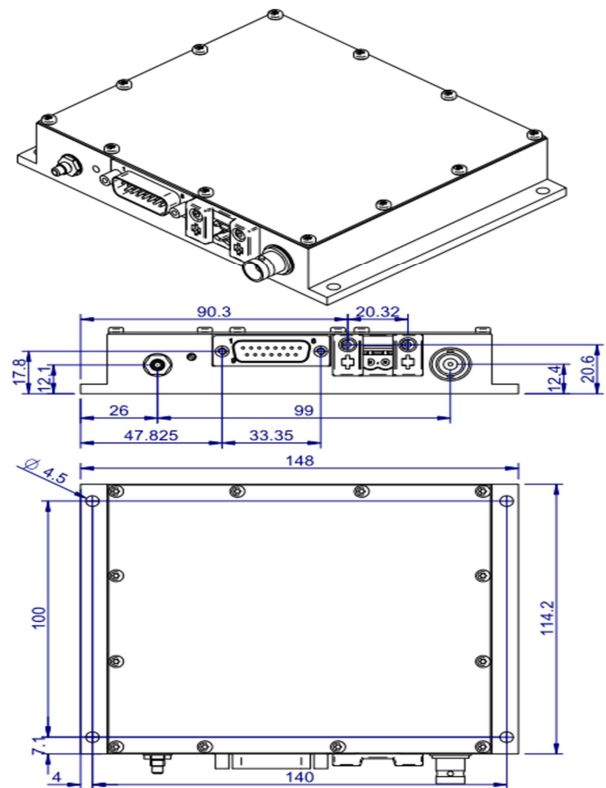
Operational Temperature:	-10 to +55 °C (Base Plate)
Storage Temperature:	-40 to +70 °C Non condensing

DB15 - Pin 1, 3, 5, 6, 8, 9, 11, 13 : NC

DB15 - Pin 2, 4, 7, 10, 12, 14: GND

DB15 - Pin 15: Thermo-switch state output (0V=open, 4V=close)

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**PA-35M45M-55-50W**

Customization is available upon request.