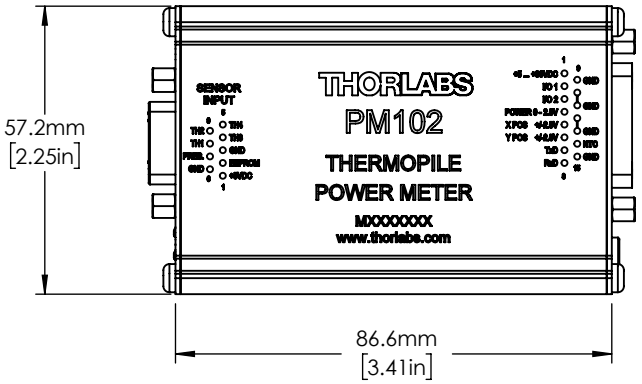
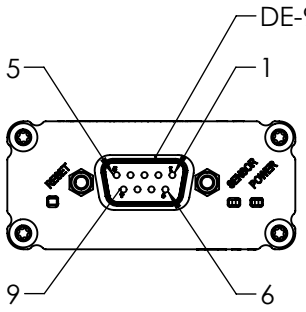
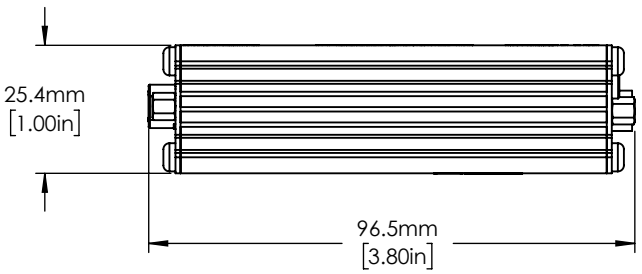
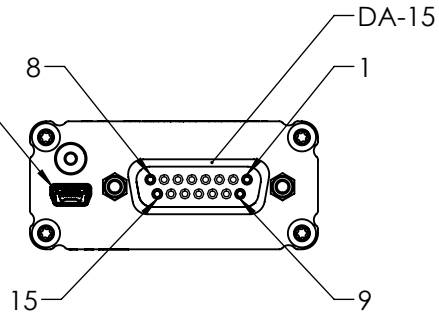










DE-9 Sensor Connector		
Pin	**Function**	**Description**
1	+5 VDC	Connect to Power Supply with 5 VDC / 100 mA
2	EEPROM	Sensor Memory for the Calibration Data
3	GND	Analog Ground for Thermal Sensor , NTC
4	TH 3	Thermal Sensor Input Quadrant 3
5	TH 4	Thermal Sensor Input Quadrant 4
6	GND	Digital Ground for EEPROM and 5 V Output
7	PRESENT	Sensor Recognition
8	TH 1	Thermal Sensor Input Quadrant 1
9	TH 2	Thermal Sensor Input Quadrant 2

DA-15		
Pin	**Function**	**Description**
1	+5 … +36 VDC	Pin for Alternative Power Supply with 5 VDC to 36 VDC
2	I/O 1	General Digital Input / Output port; 3 V logic (Output), 5 V tolerant for Input
3	I/O 2	General Digital Input / Output port; 3 V logic (Output), 5 V tolerant for Input
4	POWER	Software Configurable Analog Output for Power; 0 V to 2.5 V
5	X POS	Software Configurable Analog Output for X Position; -2.5 V to 2.5 V
6	Y POS	Software Configurable Analog Output for Y Position; -2.5 V to 2.5 V
7	TxD	RS232; Connect to PC terminal RxD (PC DE-9 Pin 2)
8	RxD	RS232; Connect to PC terminal TxD (PC DE-9 Pin 3)
9	GND	Power Supply Ground
10 – 13	GND	Ground
14	NTC	NTC Thermistor Input; Measurement Range 0.1 kΩ to 100 kΩ
15	GND	RS232 Signal Ground; Connect to PC Terminal Ground (PC DE-9 Pin 5)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	mur	10/Nov/19
APPROVAL	mgo	11/Nov/19

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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THERMOPILE POWER METER

MATERIAL	REV
N/A	A
ITEM #	APPROX WEIGHT
PM102	0.16 kg