

SIDE COVER PRINTED HEATER

◆ **Description :**

Flexible heaters are thin, lightweight, and bendable heating elements that can be used in a wide range of applications. Flexible heaters can be used to heat surfaces, liquids, and gases. They are often used in medical devices, wearable electronics, and industrial equipment

◆ **Application :**

- Wearable electronics
- Medical devices
- Automotive
- Aerospace
- Industrial equipment
- Food and beverage
- Incubators and warmers
- Fluid warmers
- Pain management
- Diagnostic equipment



◆ **Interface Diagram :**



Sequence - 1



Sequence - 2



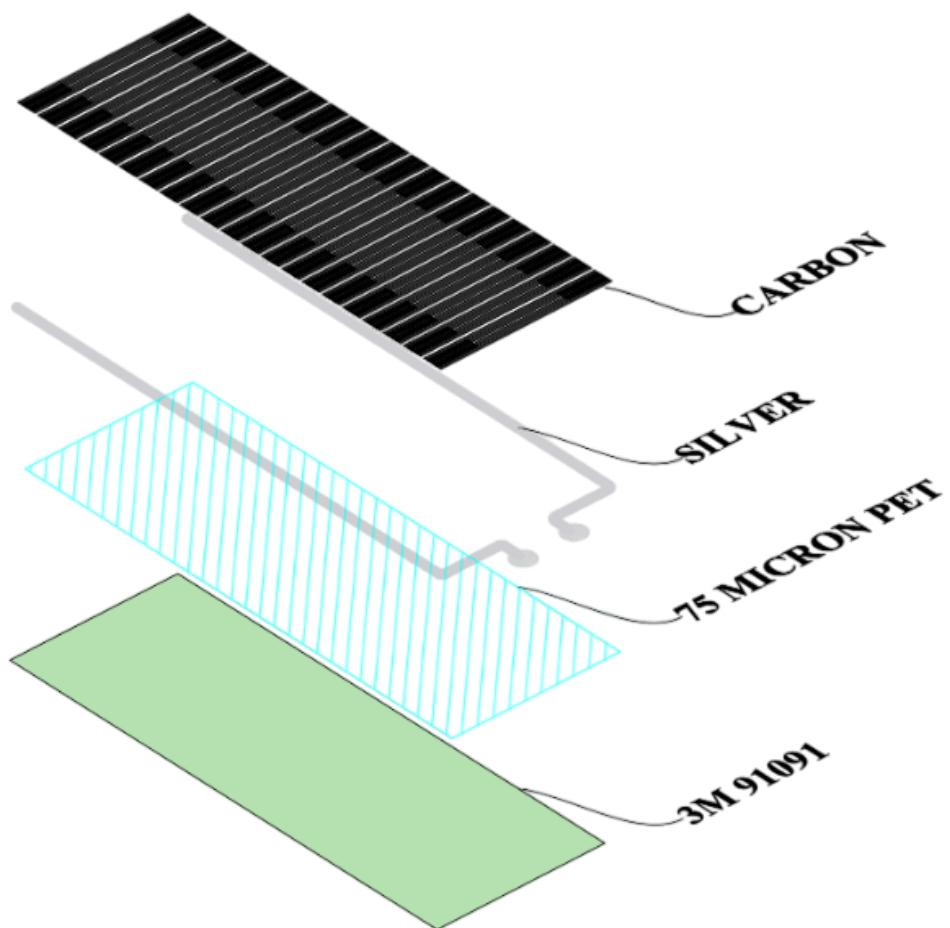
Sequence - 3

SIDE COVER PRINTED HEATER

◆ **Feature :**

- Ultra-thin and flexible
- Even heat distribution
- Low power consumption
- Integrated connector

◆ **Exploded View :**



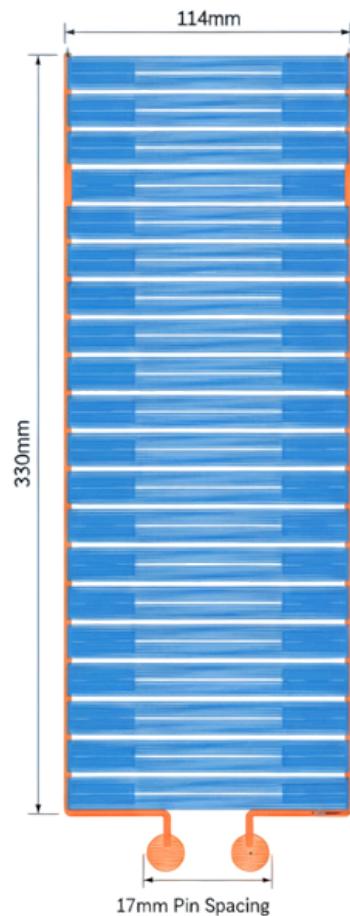
SIDE COVER PRINTED HEATER

◆ General Information :

Property	Value
Technology	Printed heater
Response time	< 1 minutes
Heating area	114mmX314mm
Power supply	24VDC to 36VDC
Temperature range	80C to 85C
Conductive Paste	Silver and Carbon
Material Type	(PET) Polyester durable material
Dimension	130mmx355mm
Thickness	0.4 mm
Connector	Snap button
Pin spacing	17mm
Accuracy	High precision with $\pm 5\%$
Durability	4 to 5 years
IP rating	IP67
Country of origin	India

SIDE COVER PRINTED HEATER

◆ Heater mechanism :



◆ Datasheet Graph :

