

## MOLEX OFFERS THE MOST ADVANCED CUSTOMER ELECTRONIC SKIN PATCH TECHNOLOGY, WITH SUPERIOR ELECTRONIC COMPONENT INTEGRATION

### FLEXIBLE PRINTED CIRCUIT SOLUTIONS

providing the creativity, functionality and reliability needed to meet medical device design requirements

### ADHESIVES

that are biocompatible and ensure sensors stay affixed



### SENSOR AND COMPONENT INTEGRATION

for optimal form factor, performance, manufacturability and cost

### MOLDING, ASSEMBLY, AND FINAL PACKAGING

providing advanced injection molding technologies and assembly

## PRINTED CIRCUIT SOLUTIONS

ENHANCED FORM, FIT AND FUNCTION

SOLVING PROBLEMS FOR DESIGN AND MANUFACTURING

MOLEX DESIGN AND ENGINEERING

## OUR CUSTOMER ENGAGEMENT MODEL PROVIDING RELIABLE DESIGN AND ENGINEERING EXPERTISE



### GLOBAL SUPPORT

Design and manufacture in Europe, Asia and North America



### COLLABORATIVE DESIGN

Work side-by-side with our customers



### TRUSTED MANUFACTURER

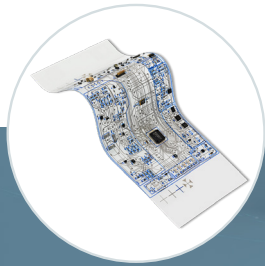
Dedicated, cross-functional team with customer-first mentality



### PROVEN HISTORY

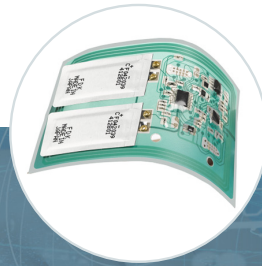
More than 75 years of innovation

## YOUR FLEXIBLE CIRCUIT SOLUTIONS PROVIDER FOR DISPOSABLE MEDICAL PATCHES



**FLEXIBLE PRINTED  
CIRCUIT SOLUTIONS**

- Customized flexible hybrid electronics (FHE) utilizing printed electronic (PE) inks and substrates
- Customizable circuitry ideal for the creative, functional and reliability needs of disposable medical patches



**SENSOR AND  
COMPONENT INTEGRATION**

- Sensor and component solutions to optimize form factor, performance, manufacturability and cost:
  - Wireless connectivity
  - Biosensors
  - Power sources



**ADHESIVES AND  
CONVERTING**

- Ensuring both reliable sensor/device performance and patient comfort
- Adhesives proven for biocompatibility and resistance to moisture, salt and cellturnover
- Complete converting solutions for applying adhesive onto substrate/device

## SENSOR AND COMPONENT INTEGRATION

Our surface-mount technology integrates a variety of components and sensors into one compact, easy-to-use, wireless patch.

1. BLE connectivity to mobile app
2. On/off dome switch
3. Printed antenna
4. Thin-flex battery for one-time use
5. Flexible substrate
6. Hydrogel and electrodes
7. Adhesive layer and release liner

