



# WATCH YOUR DESIGN TAKE FLIGHT WITH TE CONNECTIVITY

The demand for commercial drones is accelerating as technologies advance and airspace access opens, globally. With the adoption of commercial drone across a range of markets, design engineers need to invest in reliable and durable solutions that provide the technology needed to perform multiple functionalities at hundreds of feet in the air. The need for data and power connectivity, sensing, and machine learning is reaching new heights as commercial drones make their way to market.

## MARKET TRENDS



## DESIGN FEATURE & SUBSYSTEMS



## DRONE SUBSYSTEMS

<p><b>POWER</b></p> <ul style="list-style-type: none"> <li>• Battery</li> <li>• Power Connector</li> </ul>	<p><b>LIGHTING</b></p> <ul style="list-style-type: none"> <li>• Power Connector</li> </ul>	<p><b>COMMUNICATIONS</b></p> <ul style="list-style-type: none"> <li>• Antennas</li> <li>• Signal</li> <li>• Remote Control</li> <li>• Input/Output</li> </ul>
<p><b>COMPUTING</b></p> <ul style="list-style-type: none"> <li>• Board</li> <li>• Sockets</li> <li>• Memory</li> </ul>	<p><b>MOTOR</b></p> <ul style="list-style-type: none"> <li>• Power Connector</li> </ul>	<p><b>SENSING</b></p> <ul style="list-style-type: none"> <li>• Position</li> <li>• Humidity</li> <li>• Temperature</li> <li>• Pressure</li> </ul>
<p><b>INTERCONNECT</b></p> <ul style="list-style-type: none"> <li>• Wire and Cable</li> <li>• Identification</li> <li>• Connectors</li> </ul>	<p><b>CAMERA</b></p> <ul style="list-style-type: none"> <li>• Camera</li> <li>• Memory</li> </ul>	

## LEARN MORE ABOUT OUR PRODUCT SOLUTIONS

TE has a variety of electromechanical and electronic components products to meet your specific drone design requirements.

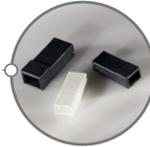
### CONNECTORS

Engineered to reliably transmit data, power, and signal in the harshest environments, reduce application size and power usage while enabling increased performance.



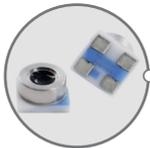
### TERMINALS AND SPLICES

Ergonomic offerings designed for high retention and low insertion force. Broad portfolio of terminals and splices come in high temperature, pre-insulated housing options to meet various design needs.



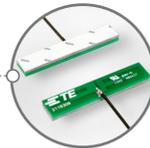
### SENSORS

Measure pressure, temperature, position, vibration, humidity and fluid property and more. Sensors are vital to the next generation of data-driven technology.



### ANTENNAS

Provide high-quality wireless transmissions in wide variety of frequency band including Bluetooth, WLAN, Cellular, ZigBee and more.



### RELAYS

Cost-effective, reliable, and designed to withstand extreme shock, vibration and temperature, including products that provide high-inrush capabilities and powerful switching needs.



### HEAT SHRINK TUBING

Designed to perform in the most demanding conditions and offers a wide range of single wall, dual wall and specialty products that seal, protect, insulate, organize and offer strain relief for the components that need it the most.

