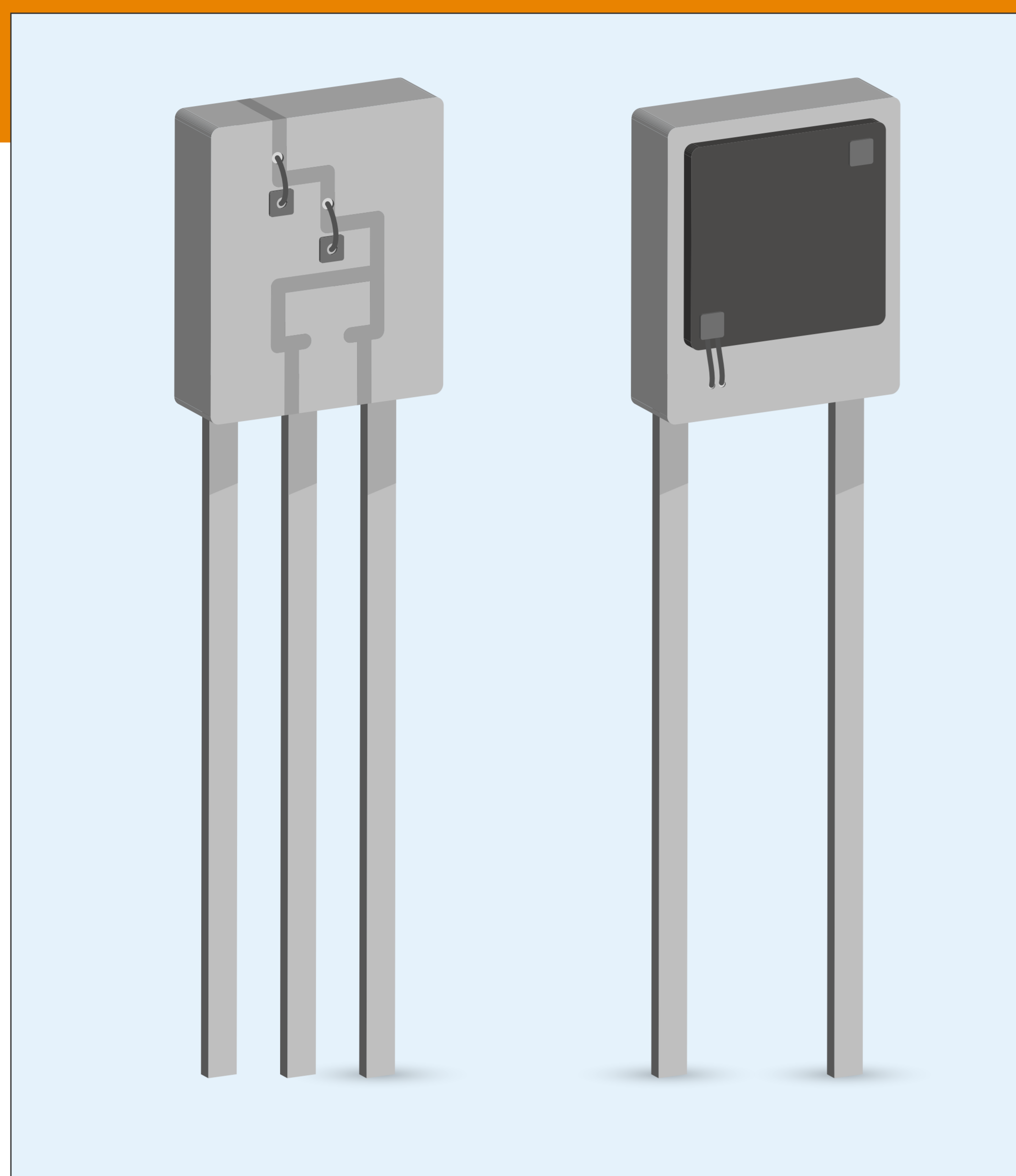


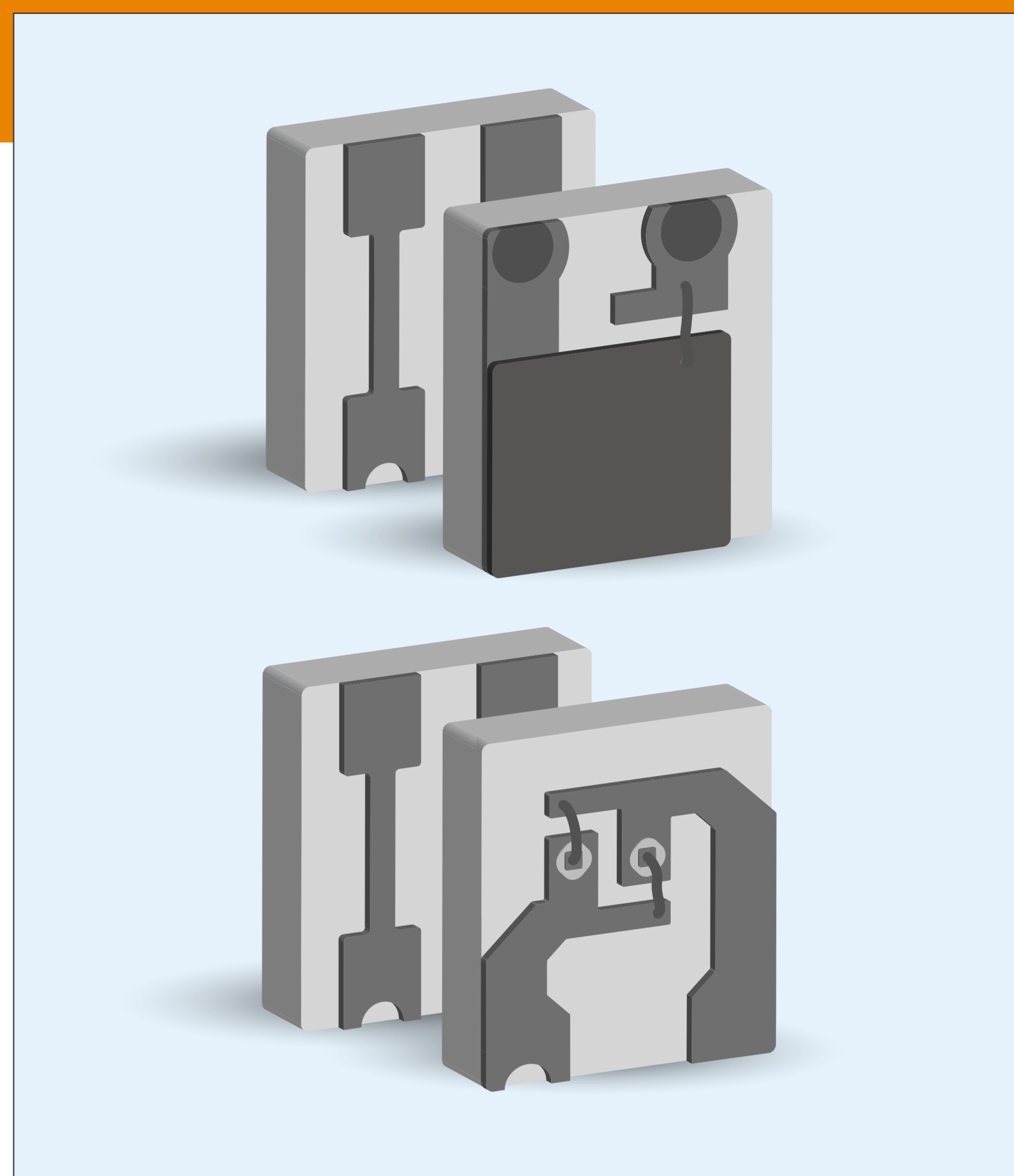


MEASURING BLOOD OXYGENATION LEVELS NON-INVASIVELY WITH LEAD FRAME (SpO₂) AND SURFACE MOUNTED TECHNOLOGY

The right sensor technology can mean the difference between life or death. With proven accuracy and reliability, and now improved performance with no manual soldering, TE Connectivity (TE) offers advanced sensors for your critical applications.



Lead Frame (SpO₂) Optic Sensor



Surface Mounted Technology (SMT) Optic Sensor

FEATURING

HIGH EFFICIENCY

FAST RESPONSE

AND ACCURACY



IN OXYGEN LEVEL DETECTION

Top 3 Benefits

of TE Connectivity's (TE) Lead Frame (SpO₂) and Surface Mounted Technology (SMT) optical components.

1



Superb Accuracy

Precise oxygen level detection is essential in acute medical situations. Experience improved accuracy with tighter red LED wavelength tolerance up to 660 nm ± 3 nm.

2



Proven Reliability

As industry experts with long standing experience and more than 25 million components produced, TE delivers reliable technology.

3



Rapid Response

Low oxygen levels can become a matter of life or death. TE's lead frame and SMT optical components provide the swift detection your patients need.

IMPROVED SMT TECHNOLOGY

TE's SMT Optical Sensor provides increased reliability by removing manual hand-soldering operations. It can be conveniently installed using cost-effective automated equipment, resulting in decreased labor and expense, and increased installation accuracy.



HERE TO SERVE

TE Connectivity is ready and able to meet your needs through:

- Proprietary emitters with two different LED wavelengths: 880 nm or 910 nm
- Dual drive emitters with two different LED wavelengths (both Red and Infrared)
- Scalable, automated manufacturing to fulfill significant volume requests
- The ability to produce reusable and disposable pulse oximetry sensors

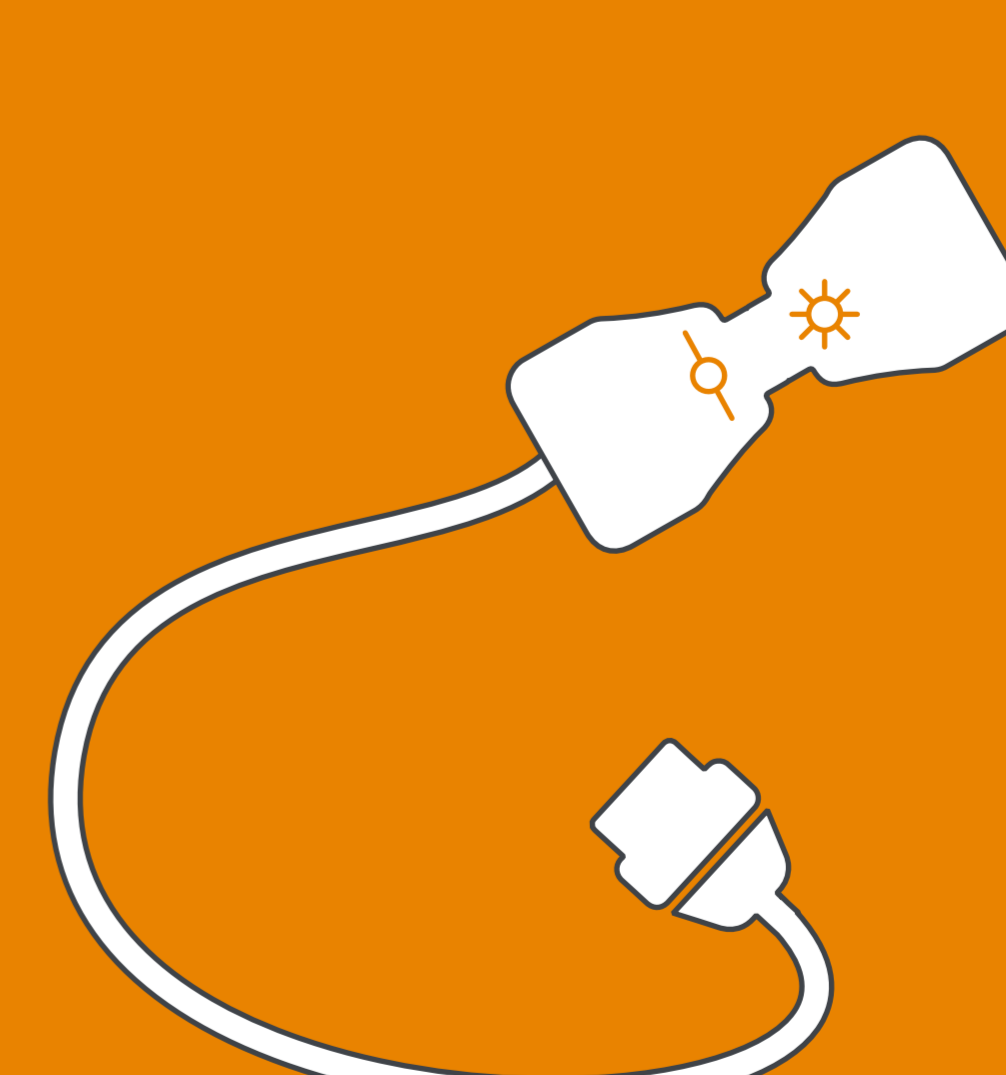
APPLICATIONS



Pulse Oximetry



SpO₂ Finger/Ear Reusable Probes



SpO₂ Disposable Strip or Butterfly Probes

Contact TE Connectivity today or learn more at te.com

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