

# **Solutions for Commercial Helicopters**

TE Connectivity (TE) offers a wide range of solutions to meet the demands in commercial helicopter environments.

Rely on our 50 years plus of experience in helping aerospace applications push the performance envelope.





# Solutions for Commercial Helicopters

- Interconnects and Backshells
- Repair Products
- Lightweight Shielding
- Sealed Harness Assemblies
- High Performance Wire and Cable
- High Performance Relays and Contactors
- Power Distribution Units
- and more....

### TE Technical Support Center

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#### **ENGINEERED POLYMER SOLUTIONS**

- High Temperature Tape high temperature heat shrink tape is a bilayer, side-entry, heat-recoverable sealing product
- **C-Wrap** Side repair sleeve consists of two pieces, out tubing and an adhesive layer wire jacket designed to repair and seal a damaged wire jacket that is chafed, cut or cracked





#### HIGH PERFORMANCE WIRE AND CABLE

• SHF-260 Highly Flexible Wire - Highy flexible jacket allows the cable to be bent and routed in extremely tight areas with no wrinkling or cracking of the insulation



#### **DEUTSCH CONNECTORS**

- 369 Series Connectors Designed for applications where fewer conacs are needed in each connector and shielding is unnecessary.
- CeeLok FAS-X Connector High speed copper connectors provide rugged reliability with signal integrity to support today's high-speed protocols





#### INTEGRATED SOLUTIONS

 Sealed Harnesses - Custom harness assemblies built to your specifications.



#### **INTERCONNECTS**

 CeeLok FAS-T Connector - 10 Gigbit ethernet, field terminable I/O connector designed to perform in some of the most extreme environments in the industry.



#### **RELAYS AND CONTACTORS**

• CII brand relays - TE's CII brand is the most complete line of hermetic general purpose aerospace relays on the market. Smallest packages, most package options, most QPL's. Complete range of low level to 50 amp ratings.



KILOVAC brand relays and contactors- TE's KILOVAC brand contactors are the leader in aerospace high voltage DC switching devices.
 CAP120 is the smallest 120 amp Aerospace contactor in the industry;
 KHR500 new high inrush contactor for Li Battery applications;
 KCS series current sensing contactors with embedded hall effect sensors.



HARTMAN brand contactors- TE's HARTMAN brand contactors are
the leader in aircraft primary and secondary power distribution contactors and assemblies for both AC and 28Vdc systems. Our unique
and efficient K series solenoid contactors are the smallest, lightest,
most efficient and robust aerospace contactors for their ratings.



The K series represents a 50% or greater size and weight reduction over traditional contactors with the same current rating with no reduction in performance ratings.

## **POWER DISTRIBUTION**

 Custom PDU's - AC and DC power distribution units designed, built and qualified to meet your specific requirements.



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