RUGGEDIZED · HARSH ENVIRONMENT

Application / Design Options

Packaging for optimal form, fit, and function

**FLEX AND RIGID FLEX DESIGN OPTIONS**

- **Factory forming** facilitates assembly and helps the flex circuit adhere tightly to available space and routing.
- **Stiffeners** incorporated into flex: a practical approach for adding discrete mount points or component integration.
- **Grounding** can be achieved by directly grounding the connector shell to flex circuitry as shown in the above example.
- **EMI/RFI Shielding** is accomplished with solid or patterned shield planes, stitched vias, and/or with shielded I/O interconnects.
- **High-Power** may be routed through flex circuitry with wider traces.
- **Hybrid flex, rigid flex, and embedded PCB technology** facilitates electronic component size and weight reduction, and double-sided mounting of components.
- **Flex and rigid flex combination assemblies** provide hard mounting points and dynamic flexing and routing.

**MULTIBRANCH FLEX AND RIGID FLEX CONNECTORIZED ASSEMBLIES**

- Micro-D subminiature multibranch flex assembly—a Glenair specialty.
- Multibranch RJ45 / Ethernet / USB Flex assembly.
- High density .025” contact center nanominiature multibranch flex assembly.

Dimensions in Inches (millimeters) are subject to change without notice.
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POINT-TO-POINT CONNECTORIZED FLEX AND RIGID FLEX JUMPER DESIGN OPTIONS

- Environmentally sealed rectangular I/O interface flexi circuit
- Military aerospace grade I/O connector to commercial-grade board level termination
- Master-Latch quick disconnect Micro-D I/O flexi circuit
- Military aerospace grade rectangular I/O connectors to matched impedance high-speed mil-aero board terminations

SPECIAL-PURPOSE FLEX, RIGID-FLEX DESIGNS, AND PHOTONICFLEX CAPABILITIES

- Production run of individual PCBs in panelized form
- Space-grade Series 28 HiPer-D to Series 80 Mighty Mouse I/O jumper
- High-shock matched-impedance Mighty Mouse assembly with flex circuit
- Stacked Micro-D I/O connectors with flex jumper to rigid PCB assembly
- EMI/RFI filtered power transmission flexi circuit assembly
- PhotonicFlex circuitry for lightweight, small form-factor management of fiber optic media and MT ribbon terminations

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