

C160

High Density Rectangular Connectors



- ▶ High density miniature connectors with Tortac® technology
- ▶ Very low stacking height
- ▶ Ergonomic and lightweight design
- ▶ Low insertion and extraction force
- ▶ Low cost of ownership
- ▶ Extreme resistance in harsh environmental conditions

TECHNICAL FEATURES

TORTAC® TECHNOLOGY

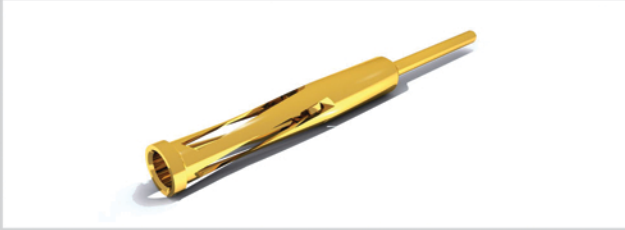
Contact diameter: 0.50 mm

Resistance: <5 mm Ω

Material: Beryllium Copper

Insertion force: <60g per contact

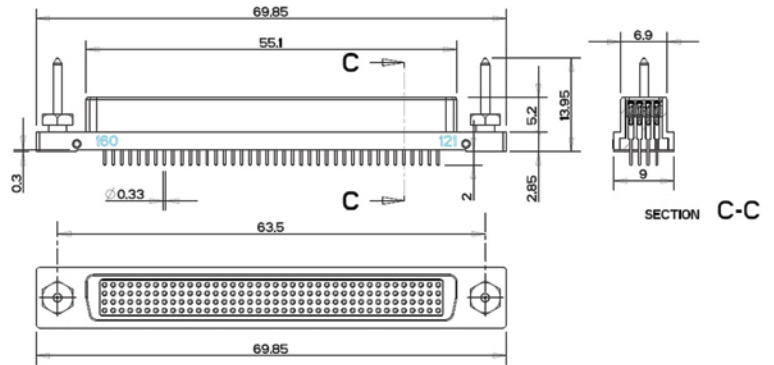
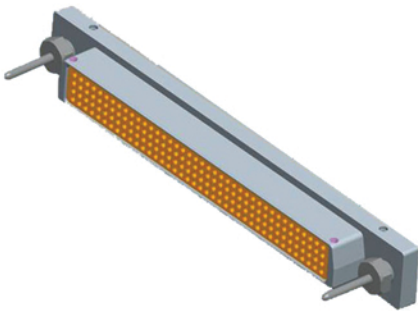
Shock & Vibration: no discontinuity >0.1μs



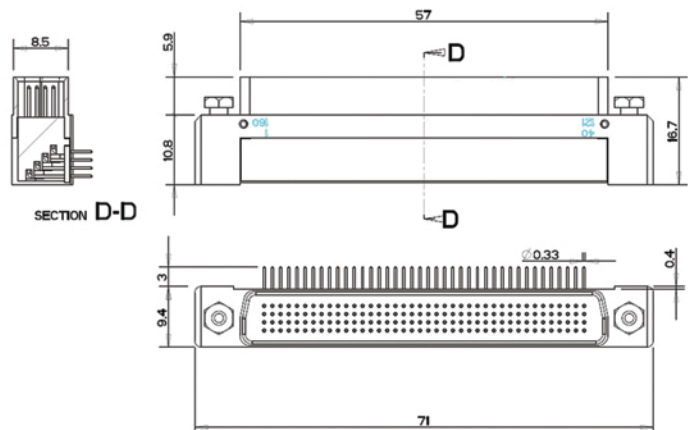
SPECIFICATIONS

Number of Contacts	160
Receptacle contact termination	Dip solder
Plug contact termination	Dip solder, right angle
Current rating	3A single pole
Insulator	PPS type GST-40F per MIL-M-245719 V0 per UL94
Connector body	Avional 2024 per QQ-A-250-74E

▶ RECEPTACLE



▶ PLUG



smiths connectors

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