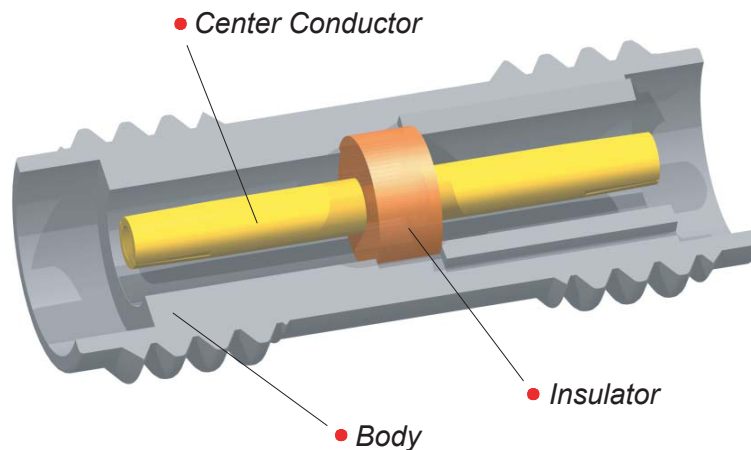


The Structure Abridged Drawing of Precision Connector



Materials & Finish

Body: Stainless Steel SU303, Polishing & Passivation

Center Conductor: Beryllium Copper Alloy C17300, Gold per MIL-G-4504

Insulator: PEI, PTFE

PEI Mechanical Data

| | |
|-------------------------------|--------|
| Tensile Strength: | 110MPa |
| Elongation at break: | 60% |
| Flexural Strength: | 165MPa |
| Flexural Modulus: | 3.5GPa |
| Impact Strength IZOD notched: | 53 J/m |
| Rockwell Hardness: | 109 |

Note:

As show from above figure and data, we use PEI as insulator material due to it is one type of high-strength engineering plastic, so we can ensure the reliable mechanical performance of precision connector are in normal working condition.

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