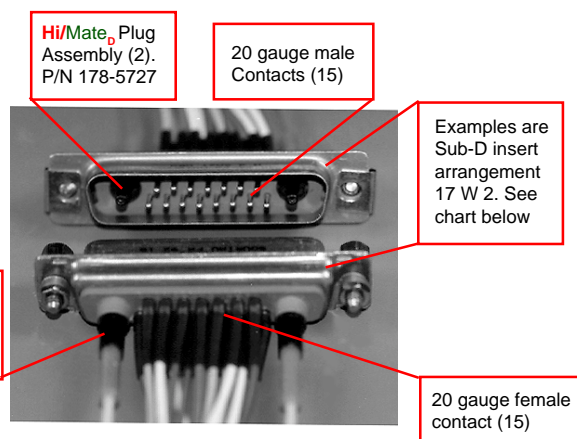




Hi/Mate_D high voltage lead assemblies convert the No. 8 gauge insert cavities of a Positronic CBD series Subminiature-D connector to a high voltage line rated at 13.5 KVDC.

- Each **Hi/Mate_D** lead assembly is tested @16 KVDC at a simulated altitude of 70,000 feet. When mated, each assembly is rated @ 13.5 KVDC over a temperature range of -55°C to +125°C at altitudes up to 70,000 feet.
- Complete cable assemblies with **Hi/Mate_D** high voltage lead assemblies installed into Positronic series CBD Subminiature-D connectors, are available from Reynolds Industries as fully tested units.
- **Hi/Mate_D** requires no potting or adhesives and is easily removed and replaced.
- **Hi/Mate_D** operates in electrical isolation from other lines in a Subminiature-D connector. This provides compatibility between **Hi/Mate_D** and signal lines.

A No. 8 gauge cavity in the insert arrangements shown below, can be converted to a 13.5 KVDC high voltage circuit simply by installing a Sub-D **Hi/Mate_D** lead assembly into the appropriate male or female cavity.



Note 1:

1. Shell drawings are not to scale
2. Care must be taken to observe Male/Female gender of both the **Hi/Mate_D** lead assembly and the Sub-D Shell/Insert arrangement

To view detail shell dimensions*

*Courtesy of Positronic Industries

Positronic CBD series Subminiature-D Insert Arrangements

Face view of Male
Rear view of Female

- No. 8 Gauge Insert Cavity for **Hi/Mate_D** installation
- Size 20 fixed contacts

