Test Chassis for NPS High Voltage Supply Cables

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Chassis Board Schematic

Schematic drawn in Altium designer

Samtec connector #1

Samtec connector #2

Samtec connector #3
Chassis Board Rendering

Front view
9.8”

Samtec connector #1
Samtec connector #2
Samtec connector #3

Rear view
Enclosure and Front Panel Rendering

Chassis made from acrylonitrile butadiene styrene (ABS) plastic

- Board will be mounted behind front panel
- Chassis and board mounting screws are non conductive

Machined chassis front panel with mounted test board

Nylon mounting screws

8” x 0.7” slot

19.00”

5.25”
Conclusion

- DSG is developing a test chassis for the NPS high voltage supply cable assembly
Thank You