NATIONAL HIGH MAGNETIC FIELD LABORATORY

41.5T Resistive Magnet
Cell 6
Probe #4 (Stubby Probe)
Units in Millimeters [Inch]

Your Sample Stage May be No Larger Than This

4X Lakeshore Type 55 Coax
40 Ω Impedance @ 10 MHz
23.62 Ω/m Conductor Resistance
173.9 pF/m Capacitance

Field Center

1145.84 [45.112 in]
(Distance From Field Center to Bottom of Can)

197.61 [7.780 in]

100.89 [3.972 in]

83.11 [3.272 in]

ø6.48 [ø.255 in]
Mount Sample on 1/4" Tube and Insert Here

ø17.27 [ø.680 in]
Tail I.D.

ø15.88 [ø.625 in]
Probe O.D.

Feedthrough "G"
32X PhBr in Twisted Pair

Thermometer Input
(Feedthrough "I" Pos 14)

Thermometer Input
(Feedthrough "I" Pos 4-6)

0-80 Set Screw
2X

Heater Output
(Feedthrough "I" Pos 9 & 10)