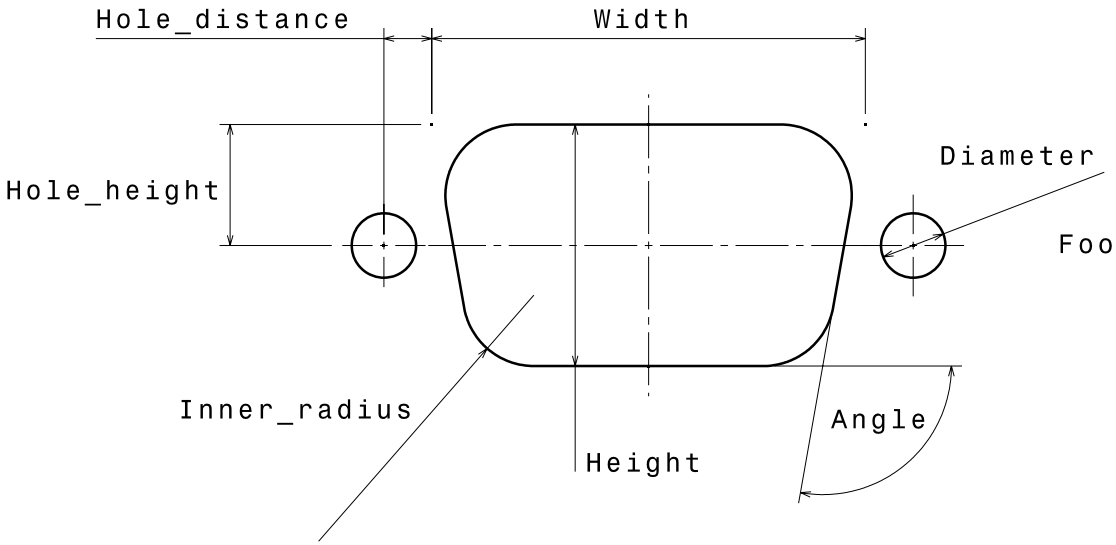
| TYPE OF CONNECTOR | Width | Height | Inner Radius | Angle | Hole Diameter | Hole Height | Hole Distance |
|---|---|---|---|---|---|---|---|
| DE 9-pin D-subminiature | 20.47 | 11.4 | 3.35 | 100 | 3.04 | 5.71 | 2.26 |
| DA 15-pin D-subminiature | 28.8 | 11.4 | 3.35 | 100 | 3.04 | 5.71 | 2.26 |
| DB 25-pin D-subminiature | 42.51 | 11.4 | 3.35 | 100 | 3.04 | 5.71 | 2.265 |
| DC 37-pin D-subminiature | 59.08 | 11.4 | 3.35 | 100 | 3.04 | 5.71 | 2.21 |

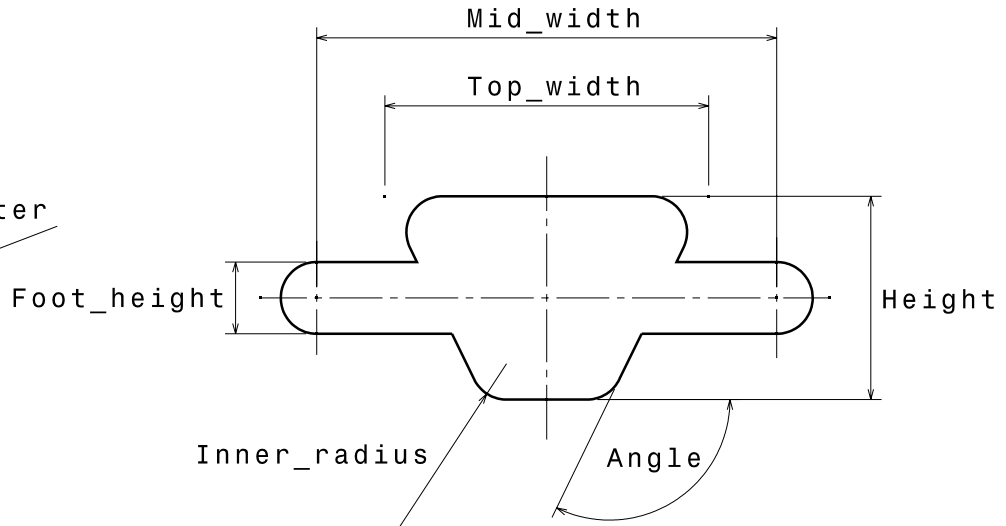
NOTE: The subminiature D-connectors used were obtained from ITT Cannon and are standard, rear mounting connectors. Refer to page 221 of "CO_dsub.pdf" for futher info.

| TYPE OF CONNECTOR | Top Width | Mid Width | Height | Inner Radius | Angle | Foot Height |
|---|---|---|---|---|---|---|
| DE 9-pin D-microminiature | 10.19 | 14.48 | 6.4 | 1.13 | 116 | 2.26 |

NOTE: The microminiature D-connectors used were obtained from ITT Cannon and are metal shell 0.050" contact spacing and rear mounting connectors. Refer to page 235 of "MDM.pdf" for futher info.

NOTE: All lengths are in mm
All angles are in degrees




NOTE: In the CATIA model, the pin type preceeds the above dimensions. ie, for the width of a 15-pin D-subminiature connector, the dimensions would be referenced as "D15pin_width". Similarly, for the inner radius of a 9-pin micro-D connector, the dimension would be referenced as "D9pin_micro_inner_radius".

DRAWN BY: Christopher Hales
DATE: 23/04/2008
CHECKED BY: XXX
DATE: XXX

# D-CONNECTOR DIMENSIONS

SIZE: A3
DWG. NO.: MECH-0007-23April08
SCALE: ---
WEIGHT (kg): ---
MATERIALS: ---
REV: 0.1
SHEET: 1/1

ULSSD BLUESAT UNSW STUDENT SATELLITE PROJECT