RASPBERRY PI MICRO-HAT (uHAT) BOARD MECHANICAL SPECIFICATION
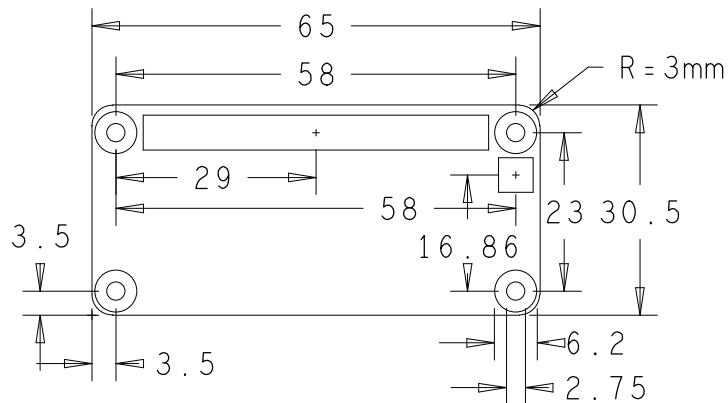
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FOR FULL SPECIFICATION INCLUDING ELECTRICAL REQUIREMENTS

PLEASE SEE https://github.com/raspberrypi/hats

MINIMUM uHAT REQUIREMENTS:
- BOARD MUST BE 65x30 or 65x30.5 AS PER THIS DRAWING
- BOARD MUST HAVE 3mm RADIUS CORNERS AS PER THIS DRAWING
- BOARD MUST HAVE MIN. 3 MOUNTING HOLES:

    > 2 MOUNTING HOLES ADJACENT TO GPIO HEADER ARE MANDATORY
    > AT LEAST ONE FURTHER MOUNTING HOLE IN ONE OTHER CORNER IS REQUIRED AS PER DRAWING
- BOARD MOUNTING HOLES MUST FOLLOW MOUNTING HOLES SPECIFICATION
- BOARD MUST HAVE FULL 40W GPIO CONNETOR
- BOARD MUST MAKE SURE PoE HEADER DOES NOT FOUL

MOUNTING HOLES SPECIFICATION:
- MOUNTING HOLES SHOULD IDEALLY BE NON-PLATED
- IF PLATED, HOLE AND LAND SHOULD BE ELECTRICALLY ISOLATED
  (DO NOT CONNECT TO GND)

- MOUNTING HOLE LAND SHOULD BE MIN. 6.2mm AND EITHER
  ISOLATED COPPER OR BARE BOARD (OPEN SOLDER MASK)

- MOUNTING HOLES SHOULD BE DRILLED TO 2.75mm +/- 0.05mm