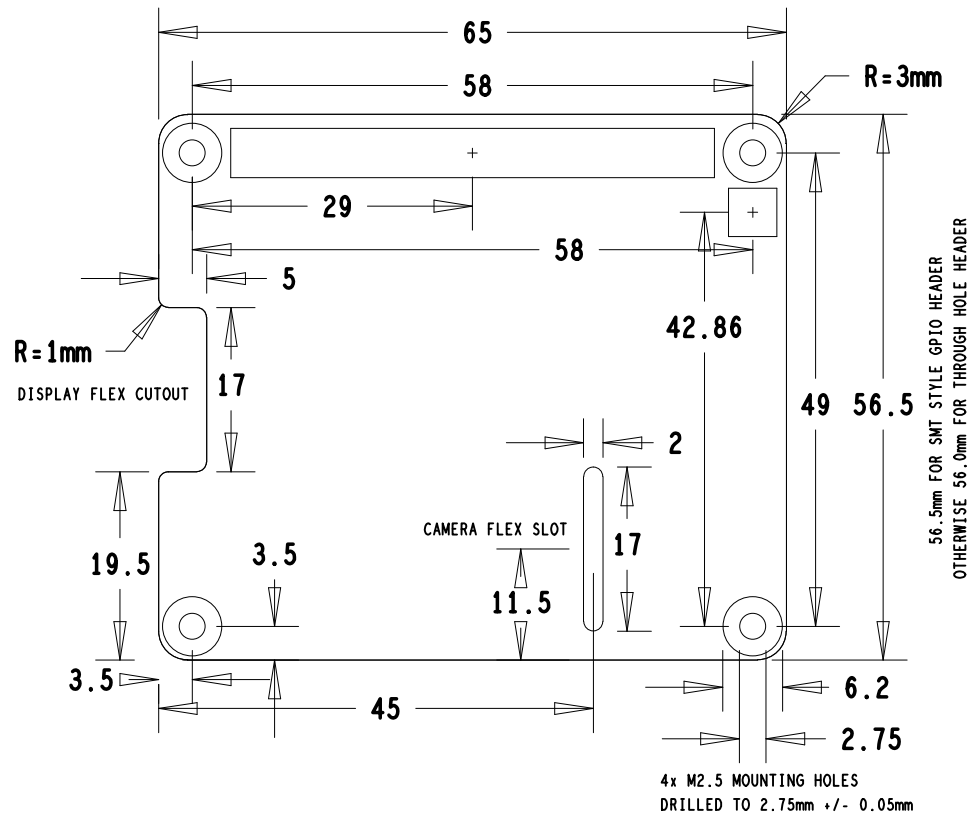


RASPBERRY PI HAT BOARD MECHANICAL SPECIFICATION (c) Raspberry Pi 2014/2018

FOR FULL SPECIFICATION INCLUDING ELECTRICAL REQUIREMENTS

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



MINIMUM HAT REQUIREMENTS:

- BOARD MUST BE 65x56mm or 65x56.5mm AS PER THIS DRAWING
- BOARD MUST HAVE 3mm RADIUS CORNERS AS PER THIS DRAWING
- BOARD MUST HAVE 4 MOUNTING HOLES IN CORNERS AS PER THIS DRAWING
- BOARD MOUNTING HOLES MUST FOLLOW MOUNTING HOLES SPECIFICATION
- BOARD MUST HAVE FULL 40W GPIO CONNECTOR

MOUNTING HOLES SPECIFICATION:

MOUNTING HOLES SHOULD IDEALLY BE NON-PLATED. IF PLATED, HOLE AND LAND MUST BE ELECTRICALLY ISOLATED (DO NOT CONNECT THESE 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

FURTHER NOTES:

IT IS RECOMMENDED TO PROVIDE SLOTS OR CUTOUTS FOR CAMERA AND DISPLAY FLEXIS SO CAMERA AND DISPLAY CAN STILL BE USED WITH HAT ATTACHED

CAMERA FLEX SLOT AND DISPLAY FLEX CUTOUT ARE EXAMPLES OF HOW TO DO THIS