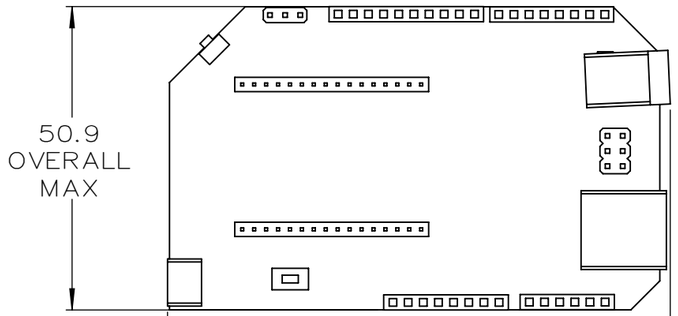
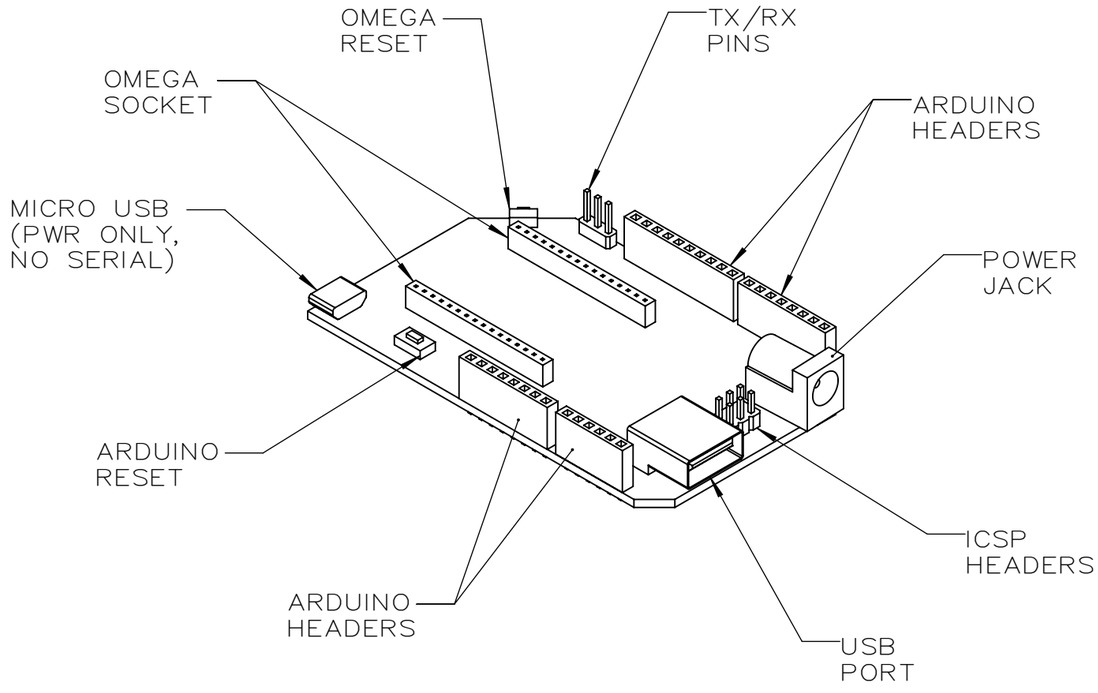
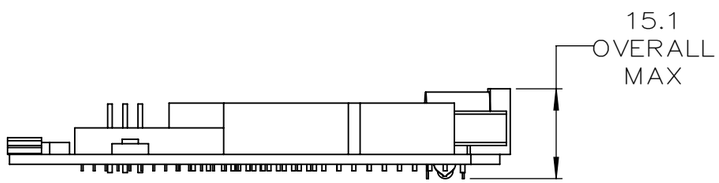
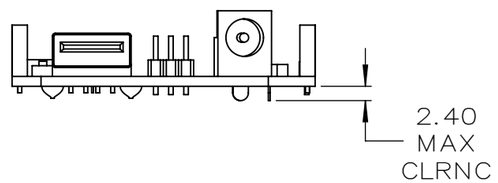








MAXIMUM DIMENSIONS
AND COMPONENT DIAG.

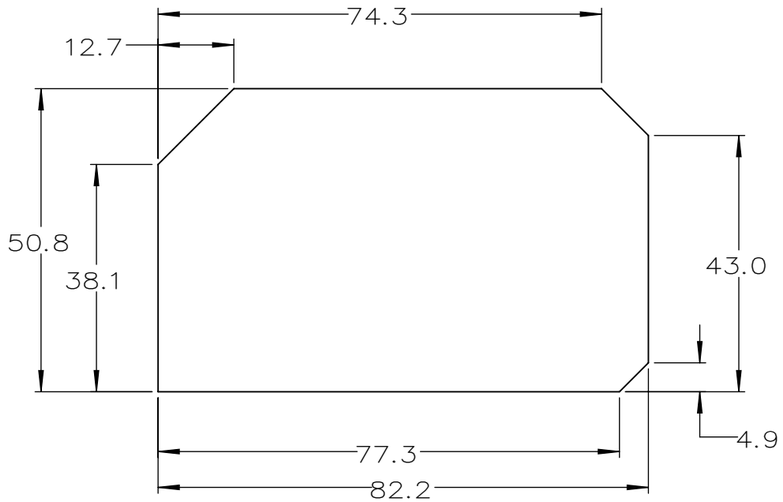
ONLY MAJOR AND INTERFACING COMPONENTS SHOWN.

THRU-HOLE PINS MAY HAVE SOLDER AT THEIR BASES.

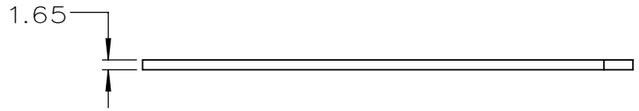
SLIGHT VARIATIONS MAY OCCUR DUE TO MFG.

FOR REFERENCE ONLY; THIS IS NOT A DESIGN GUIDE.

		DIMENSION IN MM UNLESS NOTED	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ONION CORPORATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ONION CORPORATION IS PROHIBITED.
		TOLERANCES .X. ±0.1 .XX ±0.06 .XXX ±0.010 ANG. MACH ±0.5 ° BEND ±1 °	AUTHOR: GO — DATE: 2016-03-18 CHECKED — DATE APPROVED — DATE TITLE: ARDUINO DOCK
		MATERIAL	PROJECTION TYPE PART NO.: OM-D-ARD — REV.: A2
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	SCALE: 1:1 — SIZE: B — SHEET: 1 OF 6



TOP VIEW



BOARD
OUTLINE

ONLY MAJOR AND INTERFACING COMPONENTS SHOWN.

THRU-HOLE PINS MAY HAVE SOLDER AT THEIR BASES.

SLIGHT VARIATIONS MAY OCCUR DUE TO MFG.

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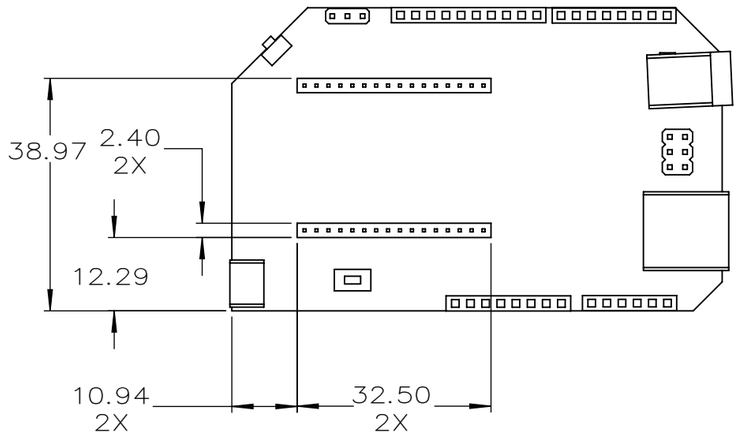
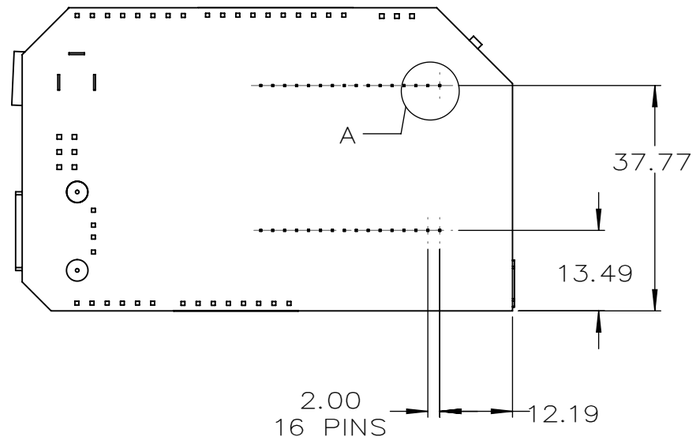
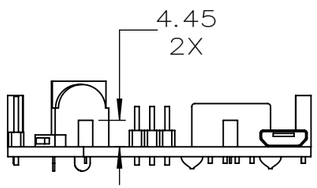
		TOLERANCES .X. ±0.1 .XX ±0.06 .XXX ±0.010 ANG. MACH ±0.5 ° BEND ±1 °	AUTHOR: GO — DATE: 2016-03-18 CHECKED — DATE APPROVED — DATE
		MATERIAL	PROJECTION TYPE
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	TITLE: ARDUINO DOCK PART NO.: OM-D-ARD — REV.: A2 SCALE: 1:1 — SIZE: B — SHEET: 2 OF 6



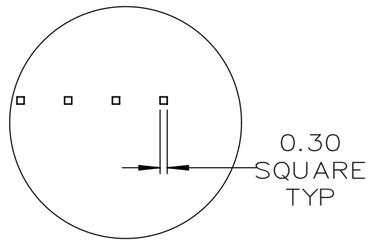
TOP VIEW



BOTTOM VIEW



SIDE VIEW



DETAIL A
SCALE 4 : 1

OMEGA
SOCKET AND PINS
DIMENSIONS

ONLY MAJOR AND INTERFACING COMPONENTS SHOWN.

THRU-HOLE PINS MAY HAVE SOLDER AT THEIR BASES.

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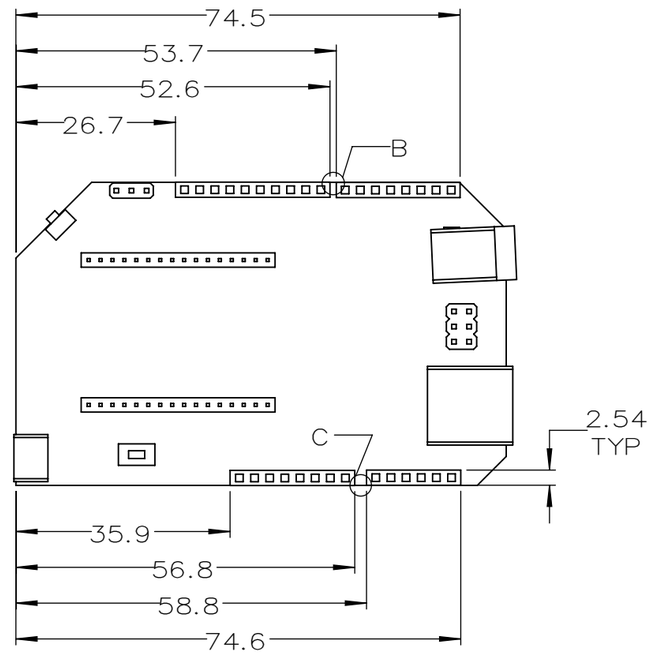
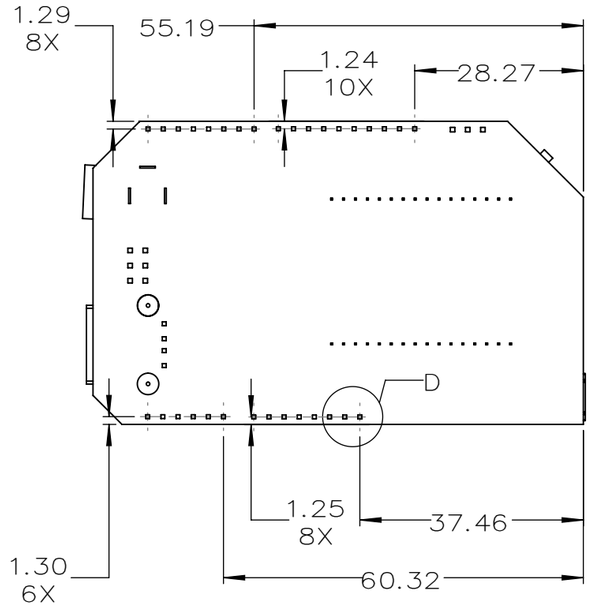
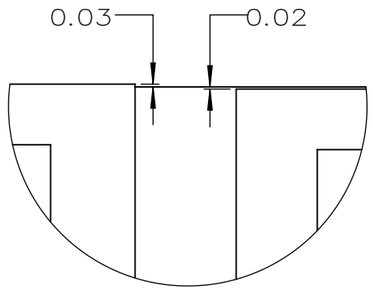
		TOLERANCES .X. ±0.1 .XX ±0.06 .XXX ±0.010 ANG. MACH ±0.5 ° BEND ±1 °	AUTHOR: GO — DATE: 2016-03-18 CHECKED — DATE APPROVED — DATE TITLE: ARDUINO DOCK
		MATERIAL	PROJECTION TYPE PART NO.: OM-D-ARD — REV.: A2
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	SCALE: 1:1 — SIZE: B — SHEET: 3 OF 6



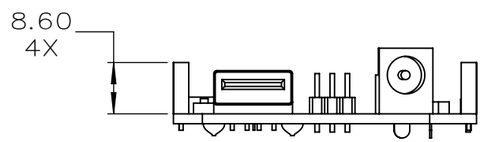
TOP VIEW



BOTTOM VIEW

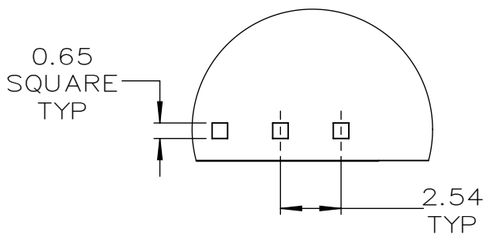


DETAIL B
SCALE 16 : 1

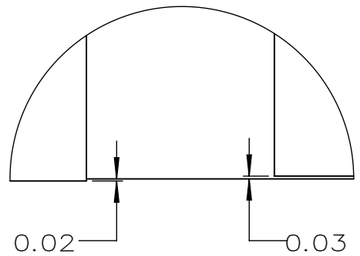


SIDE VIEW

ARDUINO
HEADERS AND PINS
DIMENSIONS



DETAIL D
SCALE 4 : 1



DETAIL C
SCALE 16 : 1

ONLY MAJOR AND INTERFACING COMPONENTS SHOWN.

THRU-HOLE PINS MAY HAVE SOLDER AT THEIR BASES.

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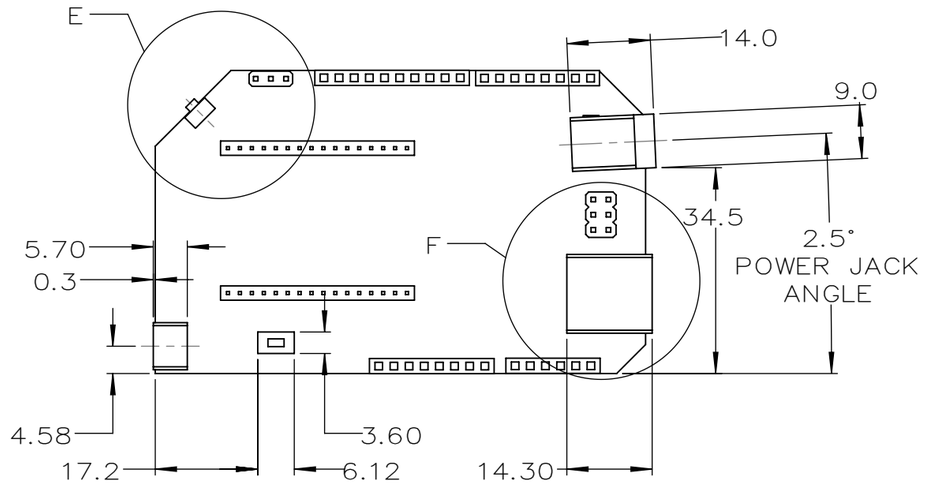
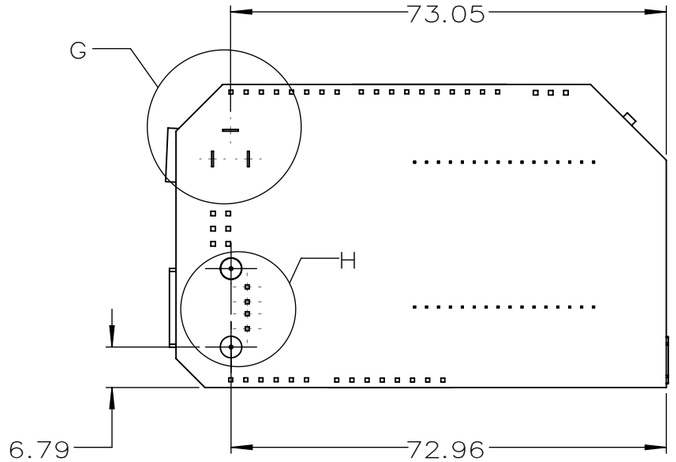
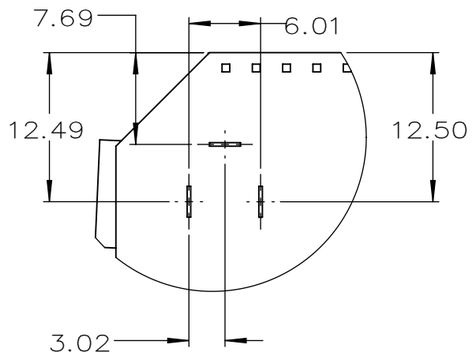
		TOLERANCES .X. ±0.1 .XX ±0.06 .XXX ±0.010 ANG. MACH ±0.5° BEND ±1°	AUTHOR: GO — DATE: 2016-03-18 CHECKED — DATE APPROVED — DATE TITLE: ARDUINO DOCK
		MATERIAL	PROJECTION TYPE PART NO.: OM-D-ARD — REV.: A2 SCALE: 1:1 — SIZE: B — SHEET: 4 OF 6
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	



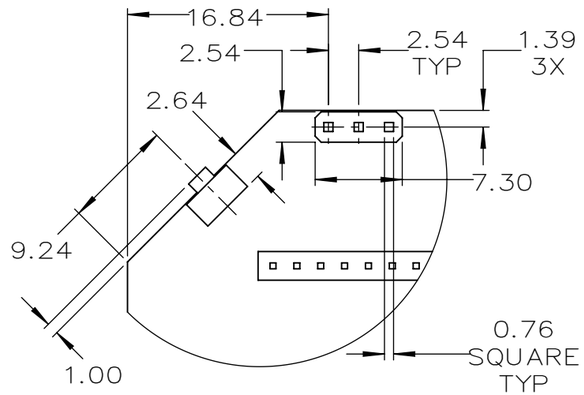
TOP VIEW



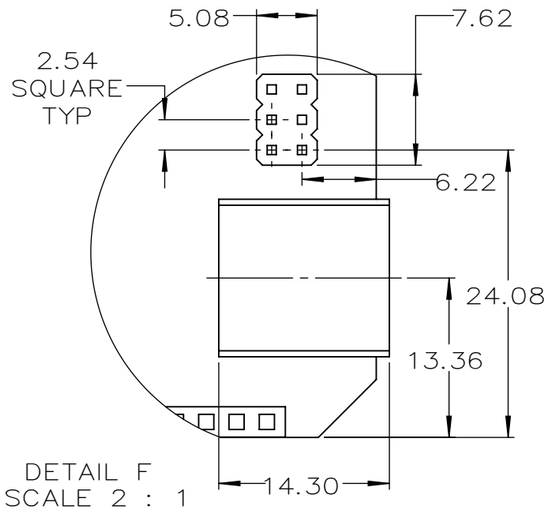
BOTTOM VIEW



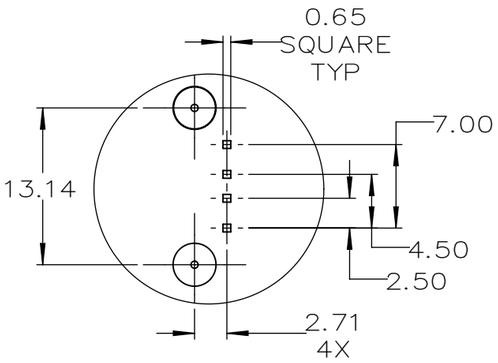
DETAIL G
SCALE 2 : 1



DETAIL E
SCALE 2 : 1



DETAIL F
SCALE 2 : 1



DETAIL H
SCALE 2 : 1

PORTS AND SWITCHES
DIMENSIONS AND PINS

ONLY MAJOR AND INTERFACING COMPONENTS SHOWN.

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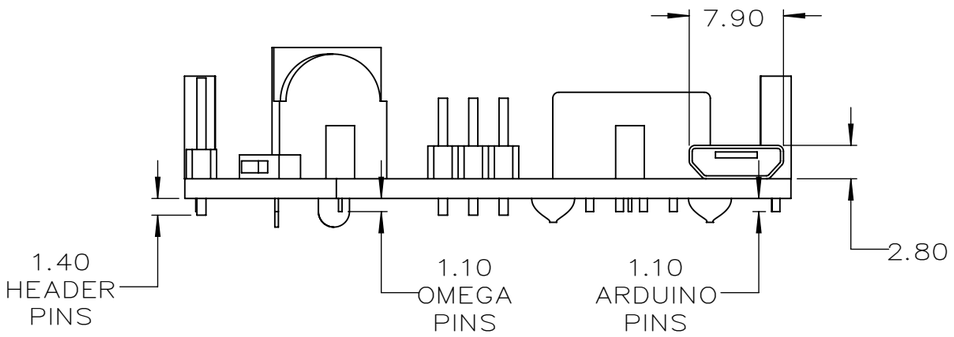
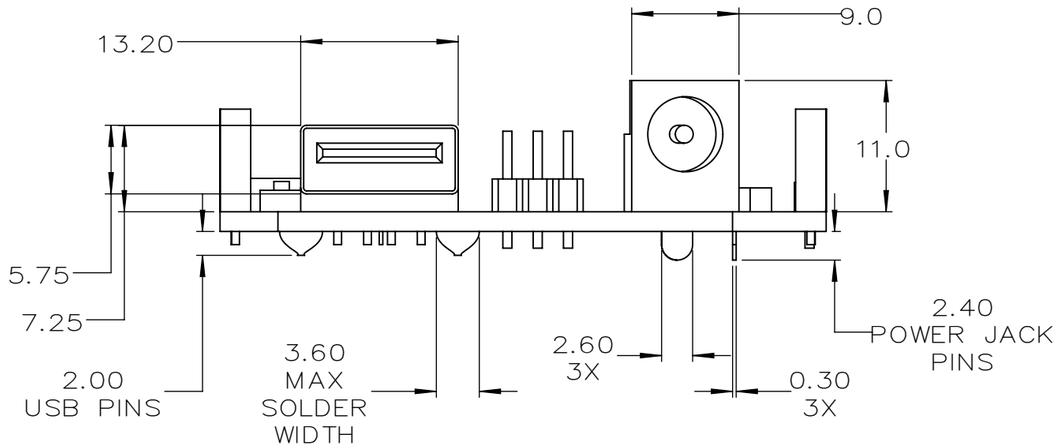
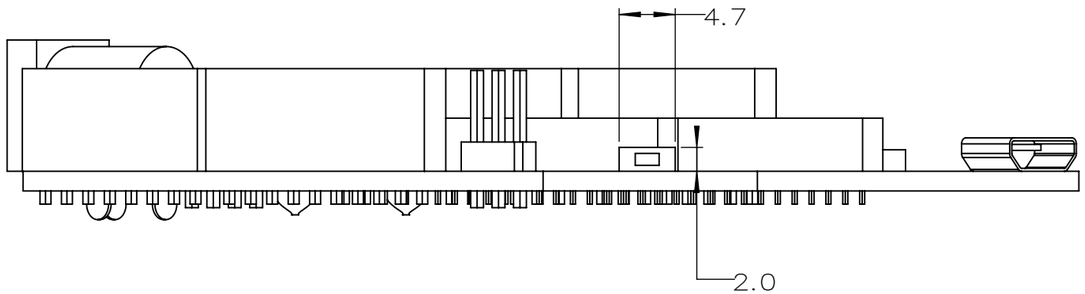
		TOLERANCES .X. ±0.1 .XX ±0.06 .XXX ±0.010 ANG. MACH ±0.5° BEND ±1°	AUTHOR: GO — DATE: 2016-03-18 CHECKED — DATE APPROVED — DATE TITLE: ARDUINO DOCK
		MATERIAL	PROJECTION TYPE PART NO.: OM-D-ARD — REV.: A2 SCALE: 1:1 — SIZE: B — SHEET: 5 OF 6
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	



MICRO USB
SIDE



USB AND POWER
SIDE



RESET SWITCH
SIDE

SWITCH PROFILES
AND PIN DEPTH

ONLY MAJOR AND INTERFACING COMPONENTS SHOWN.

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		TOLERANCES .X. ±0.1 .XX ±0.06 .XXX ±0.010 ANG. MACH ±0.5° BEND ±1°	AUTHOR: GO — DATE: 2016-03-18 CHECKED — DATE APPROVED — DATE TITLE: ARDUINO DOCK
		MATERIAL	PROJECTION TYPE PART NO.: OM-D-ARD — REV.: A2
NEXT ASSY	USED ON	DO NOT SCALE DRAWING	SCALE: 2:1 — SIZE: B — SHEET: 6 OF 6