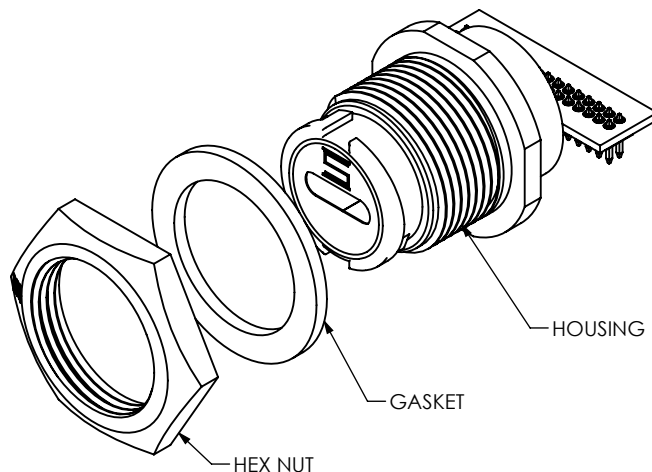


DO NOT
SCALE FROM
THIS PRINT



BRU-C-X-XX-P

TYPE

-C: TYPE C RECEPTACLE

STYLE

-P: PLASTIC

PLATING

-S: 30μ" GOLD
(AT USB-C CONTACT AREA)

LEAD STYLE

-VT: VERTICAL
-RA: RIGHT ANGLE

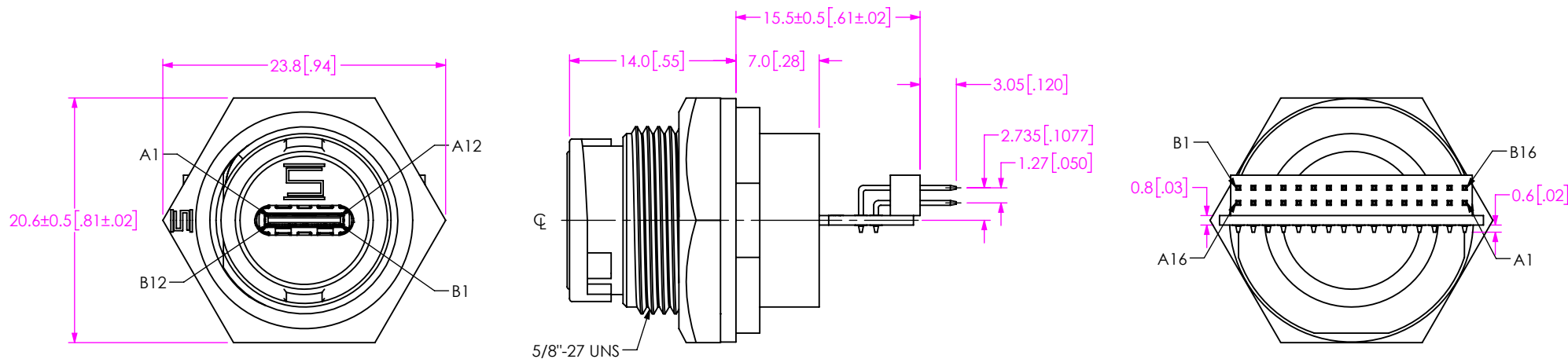


FIG 1
BRU-C-X-VT-P SHOWN

NOTES:

1. RECOMMEND PANEL THICKNESS: 0.8[.03] TO 3.0[.12].
2. RECOMMEND TORQUE: 9~10 KGF-CM.
3. MATING DUST CAP P/N: DCA-BRU-C-01.
4. MATING USB C CABLE: BCU-C-X-X.XX-XX-P.
5. PARTS TO BE PACKAGED IN TRAY.

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DO NOT SCALE DRAWING SHEET SCALE: 2:1
MATERIAL:
HOUSING: THERMOPLASTIC, COLOR: BLACK
GASKET: SILICONE, COLOR: BLACK
HEX NUT: THERMOPLASTIC, COLOR: BLACK
HOLD: SILICONE, COLOR: BLACK
GLUE: EPOXY, COLOR: BLACK
CONTACT: COPPER ALLOY
PIN HEADER: 1μ" GOLD

c:\enterprise\DWG\MISC\MTG\BRU-C-X-XX-P-MKT.SLDDRW

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:

USB-C PANEL MOUNT CONNECTOR

DWG. NO.

BRU-C-X-XX-P

BY: JACK Z

2/21/2022

SHEET 1 OF 3

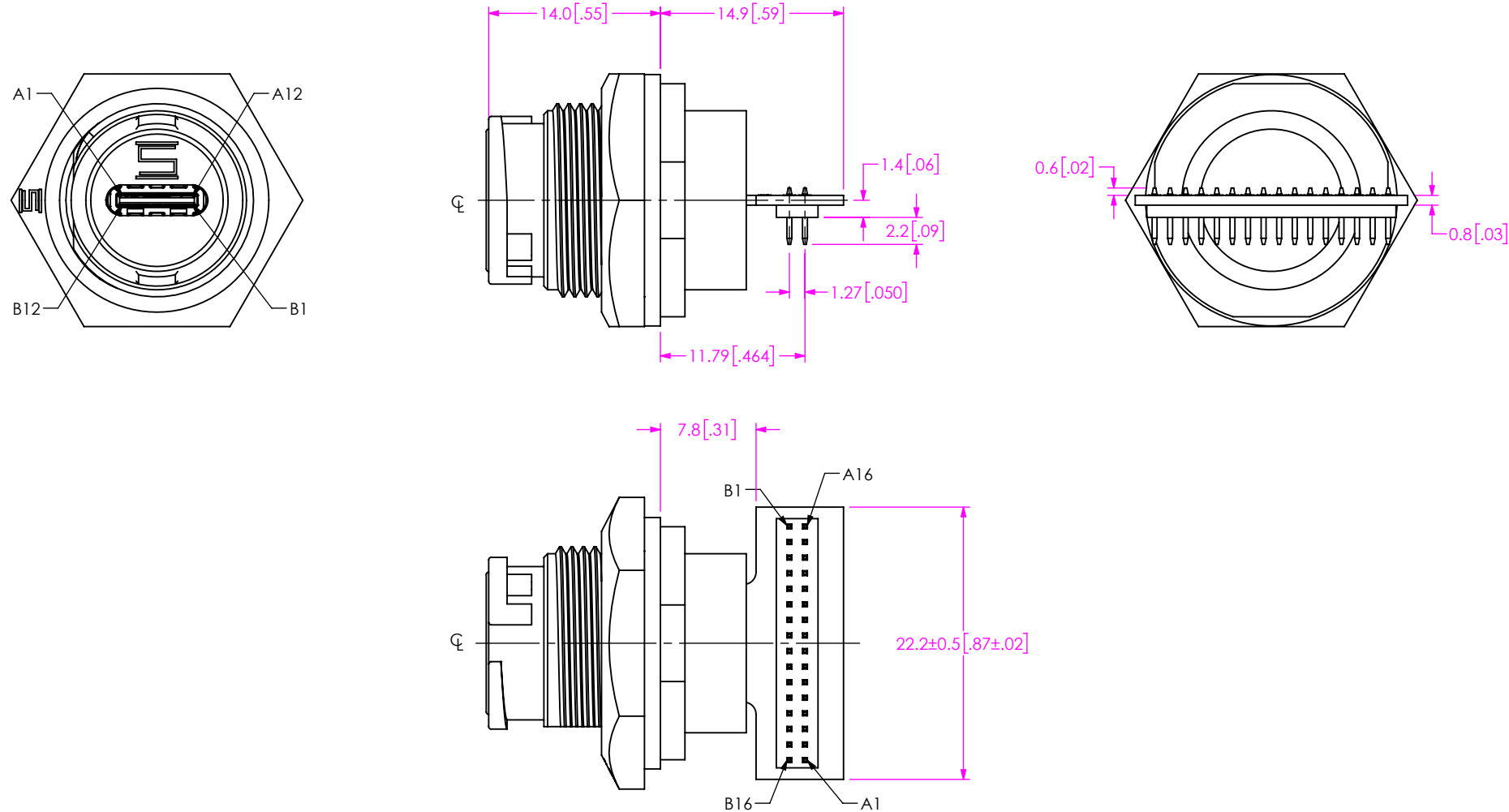
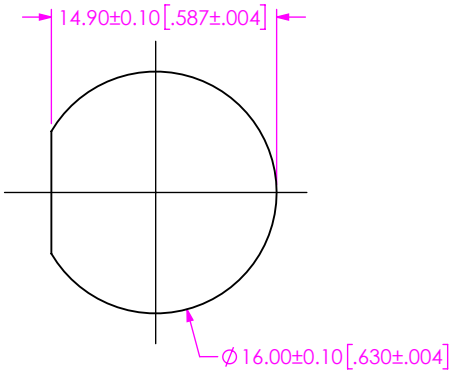
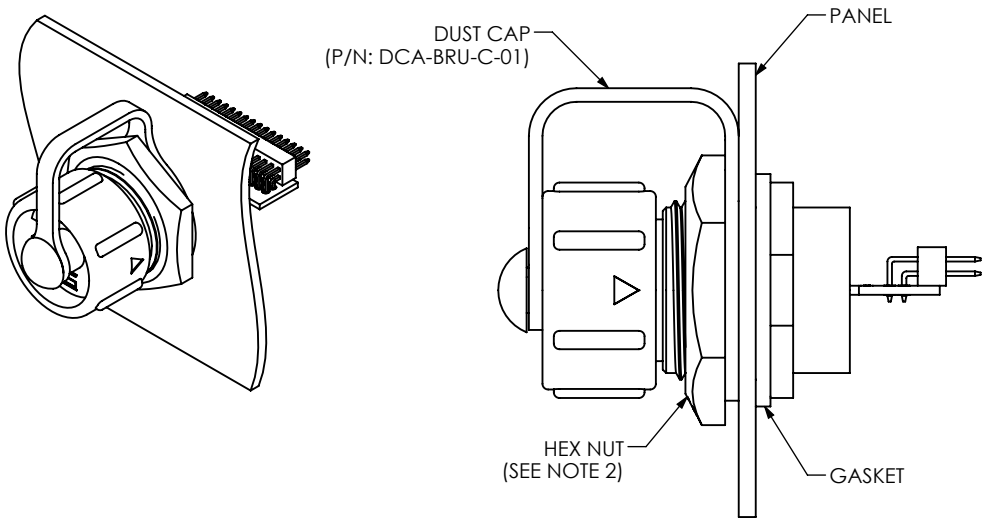


FIG 2
BRU-C-X-RA-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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DO NOT SCALE DRAWING MATERIAL: HOUSING: THERMOPLASTIC, COLOR: BLACK GASKET: SILICONE, COLOR: BLACK HEX NUT: THERMOPLASTIC, COLOR: BLACK HOLD: SILICONE, COLOR: BLACK GLUE: EPOXY, COLOR: BLACK CONTACT: COPPER ALLOY PIN HEADER: 1µ" GOLD		DESCRIPTION: USB-C PANEL MOUNT CONNECTOR	
SHEET SCALE: 2:1		DWG. NO. BRU-C-X-XX-P	
BY: JACK Z		2/21/2022	SHEET 2 OF 3

APPLICATION VIEW



RECOMMENDED PANEL CUT-OUT

PIN OUT TABLE			
USB-C		PIN HEADER	
POS	NAME	POS	NAME
A1	GND	A1	GND
A2	TX1+	A2	RX1+
A3	TX1-	A3	RX1-
A4	+V	A4	GND
A5	CC1	A5	TX1+
A6	D1+	A6	TX1-
A7	D1-	A7	GND
A8	SBU1	A8	D1+
A9	+V	A9	D1-
A10	RX2-	A10	GND
A11	RX2+	A11	RX2-
A12	GND	A12	RX2+
B12	GND	A13	GND
B11	RX1+	A14	TX2-
B10	RX1-	A15	TX2+
B9	+V	A16	GND
B8	SBU2	B1	+V
B7	D2-	B2	+V
B6	D2+	B3	NC
B5	CC2	B4	+V
B4	+V	B5	+V
B3	TX2-	B6	CC2
B2	TX2+	B7	SBU1
B1	GND	B8	D2+
		B9	D2-
		B10	SBU2
		B11	CC1
		B12	+V
		B13	+V
		B14	NC
		B15	+V
		B16	+V

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SHEET SCALE: 2:1
DO NOT SCALE DRAWING



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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
USB-C PANEL MOUNT CONNECTOR

DWG. NO.
BRU-C-X-XX-P

BY: JACK Z 2/21/2022 SHEET 3 OF 3