

4

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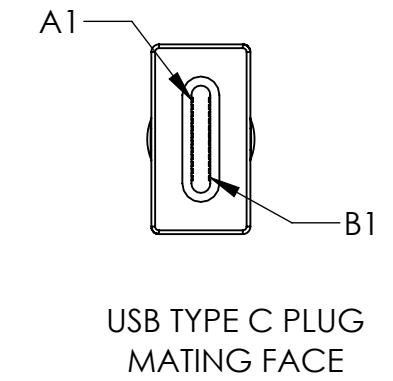
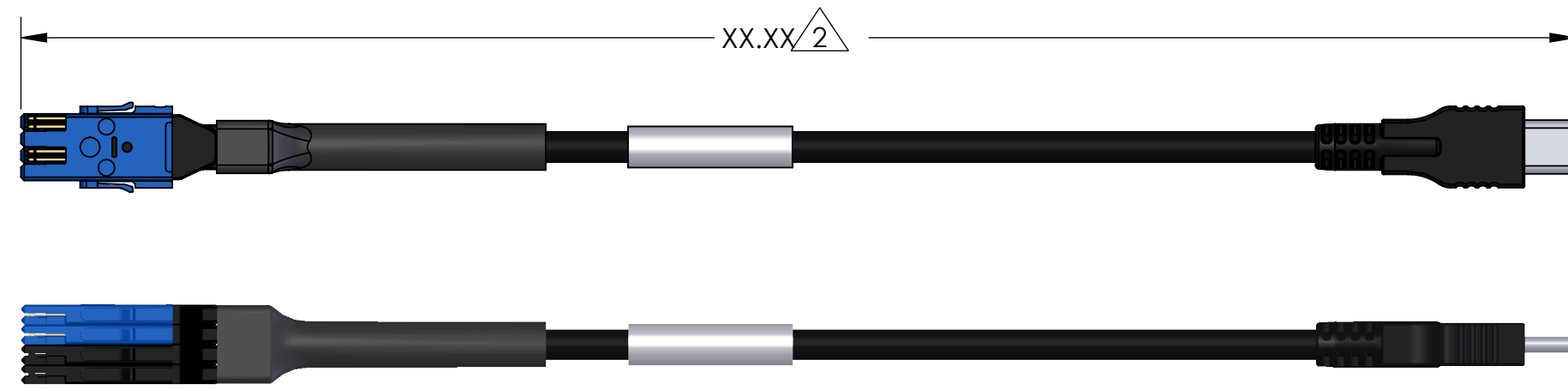
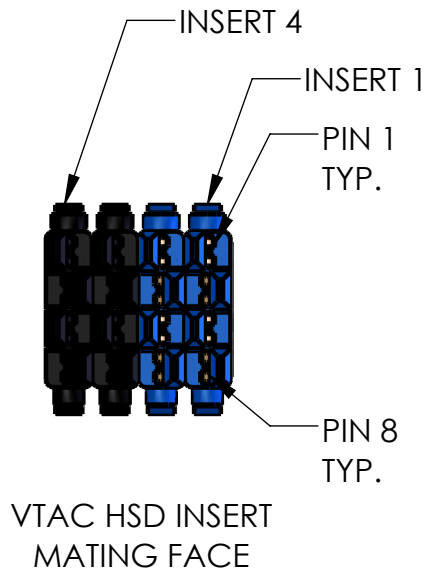
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DO NOT SCALE DRAWING

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REV	DESCRIPTION	DATE	ENGINEER
B	ECN #12491	4/13/2022	D ASHBY



VTAC INSERT 1		
USB-C Pin	Signal Name	VTAC Insert-Pin
A4,B4	VBUS	J1-1
A5	CC	J1-6
B5	VCONN	J1-7
A8	SBU1	J1-3
B8	SBU2	J1-4
SHELL	OVERALL SHIELD <sup>7</sup>	J1-2,J1-5,J1-8

VTAC INSERT 2		
USB-C Pin	Signal Name	VTAC Insert-Pin
A1, B1, A12, B12	GND	J2-3
A9, B9	VBUS	J2-2
A6	Dp1	J2-7
A7	Dn1	J2-6
SHELL	OVERALL SHIELD <sup>7</sup>	J2-1, J2-4, J2-5, J2-8

VTAC INSERT 3		
USB-C Pin	Signal Name	VTAC Insert-Pin
A2	SSTxp1	J3-2
	SSTxp1 SHIELD	J3-1
A3	SSTxn1	J3-3
	SSTxn1 SHIELD	J3-4
B11	SSRxp1	J3-6
	SSRxp1 SHIELD	J3-5
B10	SSRxn1	J3-7
	SSRxn1 SHIELD	J3-8

VTAC INSERT 4		
USB-C Pin	Signal Name	VTAC Insert-Pin
B2	SSTxp2	J4-6
	SSTxp2 SHIELD	J4-5
B3	SSTxn2	J4-7
	SSTxn2 SHIELD	J4-8
A11	SSRxp2	J4-2
	SSRxp2 SHIELD	J4-1
A10	SSRxn2	J4-3
	SSRxn2 SHIELD	J4-4

- <sup>7</sup> CABLE OVERALL SHIELD CONNECTED TO PINS IN J1 & J2
6. PD COMPATIBLE FOR TYPE C CONNECTIONS ONLY.
5. FOR USB 2.0 AND POWER DELIVERY (PD) DELIVERY APPLICATIONS, UTILIZE INSERTS 1 AND 2 (BLUE INSERTS). FOR FULL FEATURE USB 3.2 GEN 1 COMPATIBILITY USE INSERTS 1-4.
4. ELECTRICAL PERFORMANCE CONFORMS TO USB 3.2 GEN 1 DATA RATES (5Gbps)
3. CABLE MADE IN ACCORDANCE WITH USB TYPE C SPEC.
- <sup>2</sup> SEE TABLE FOR PATCHCORD LENGTH BY PART NUMBER.

NOTES:

PART NUMBER	LENGTH (XX.XX)
7-142715757-018	18" [457.2]

**CUSTOMER DRAWING**



**VTAC RCV INSERT TO USB 3.2 GEN 1 TYPE C PLUG**

DWG.NO.	<b>7-142715757</b>	REV	<b>B</b>
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RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT

DIMENSIONS ARE SHOWN AS:  
[MILLIMETERS]  
INCHES

SIZE	SCALE	CAGE CODE	SHEET
B	NONE	18117	1 OF 1

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