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- DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M-1994.
 - INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.100.
 - THIS IS A CAD GENERATED PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - DIMENSIONS ARE IN INCHES.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	Initial Release	10/22/25	
	2	Revised Wire Colors on CAN Pins	12/4/2025	

D

D

C

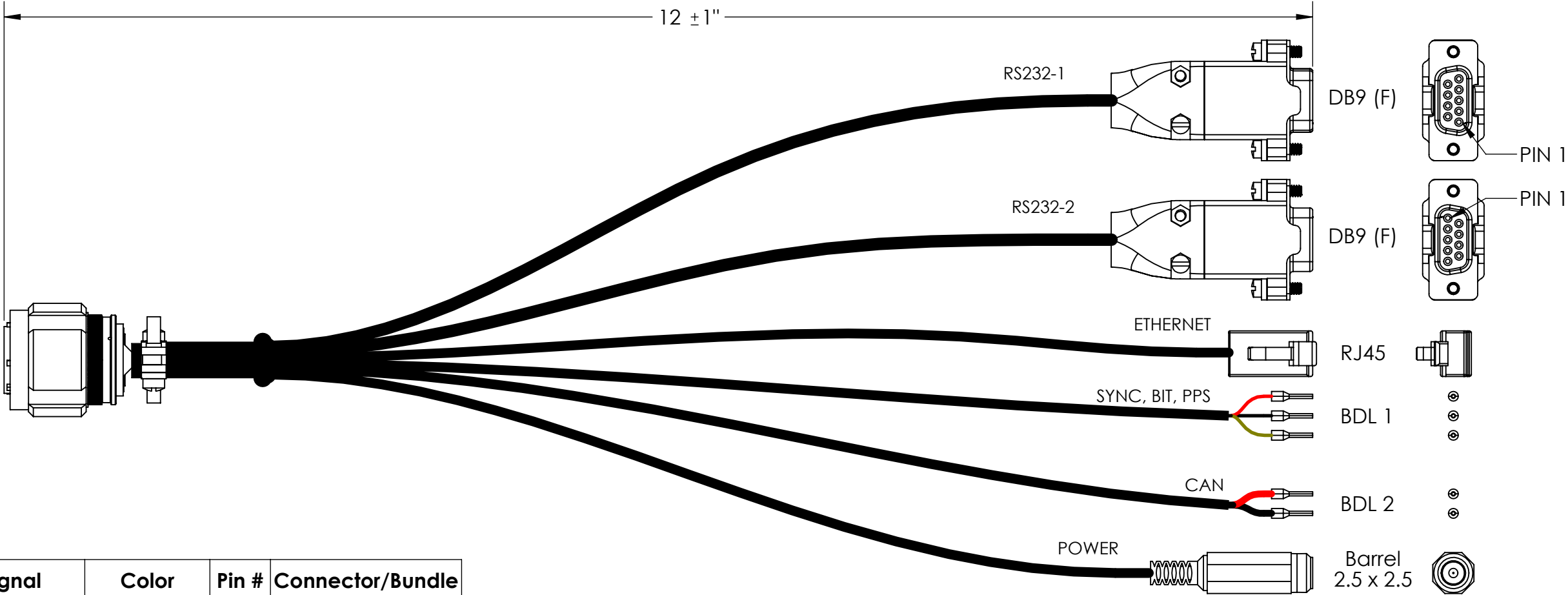
C

B

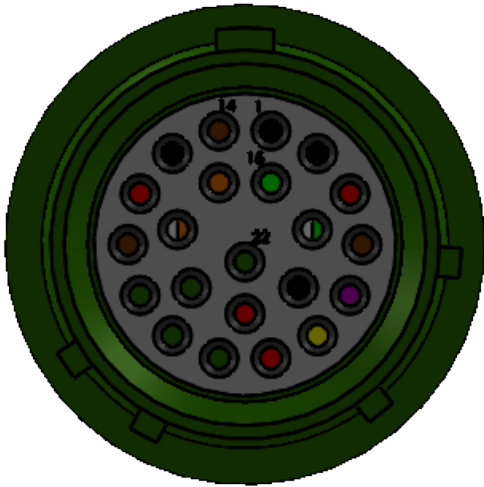
B

A

A





Connector	Pin #	Signal	Color	Pin #	Connector/Bundle
Conn, 22pin, Circular MIL-DTL-38999 Series III 38999/26WC35SN	1	BIT	Black	--	Bundle 1
	2	GND	Black	5	DB9 F
	3	RS232-1_Rx	Red	3	
	4	RS232-1_Tx	Brown	2	
	5	CAN_P	Red	--	Bundle 2
	6	CAN_N	Black	--	
	7	PPS1	Red	--	Bundle 1
	11	RS232-2_Tx	Brown	2	DB9 F
	12	RS232-2_Rx	Red	3	
	13	GND	Black	5	
	14	SYNC	Brown	--	Bundle 1
	15	ETH-RD_N	Green	6	RJ45
	16	ETH_RD-P	White/Green	3	
	17	POW_GND	Black	2	Power
	18	POW_VIN	Red	1	
	20	ETH_TD_P	White/Orange	1	RJ45
	21	ETH_TD_N	Orange	2	
	8,9,10,19, 22	--	--	NC	--



DETAIL A
SCALE 3 : 1

PRELIMINARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		SOLIDWORKS GENERATED DRAWING DO NOT MANUALLY UPDATE					
TOLERANCES ARE: DECIMAL .XX ± .01 .XXX ± .005 INTERPRET PER ASME Y14.5-2009		APPROVALS DWN T. Kridl				TITLE: Specification Control Drawing Assy, Cable, Maritime Breakout	
MATERIAL SEE NOTES		CHKD		SIZE B DWG. NO. 25002301-25		REV 2	
FINISH SEE NOTES		DRAWING PROJECTION 					
DO NOT SCALE DRAWING				SCALE: 1:4		SHEET 1 OF 1	