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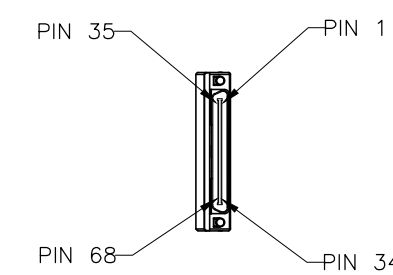
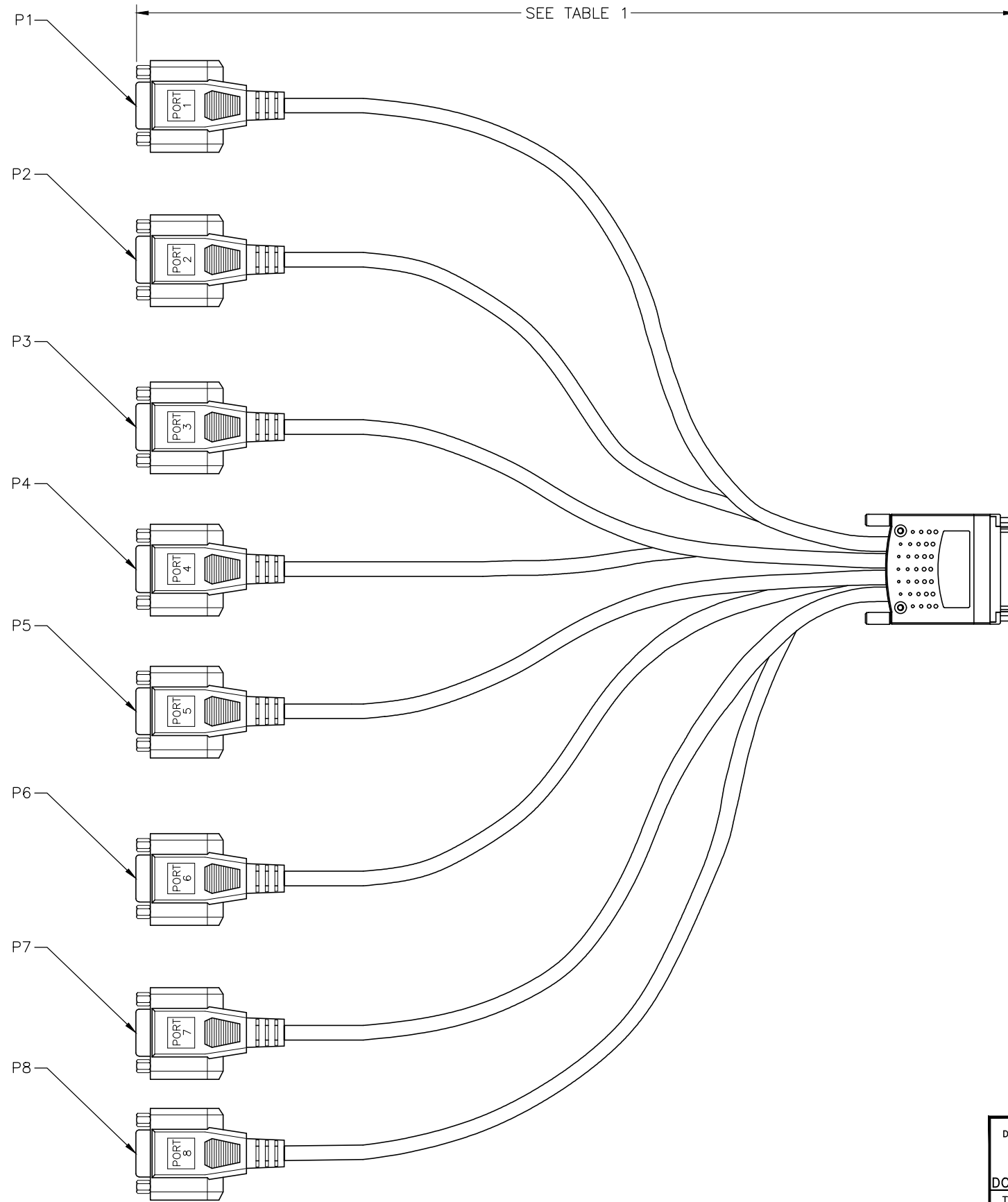
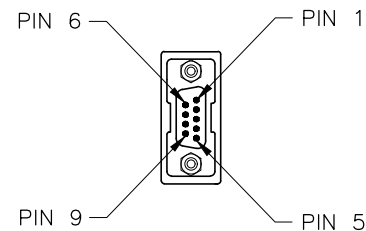


TABLE 1	
LENGTH	TOLERANCE
≤1 m	+5 cm

CONDUCTOR SPECIFICATIONS:

CONDUCTOR: 30AWG TINNED COPPER, 0.10 MILLIMETER DIAMETER
 INSULATION: PP, 0.55 MILLIMETER DIAMETER
 BEND RADIUS: 12X CABLE DIAMETER (SEE EXAMPLE) PER SPECIFICATIONS
 2014 NEC SECTION 300.34 CONDUCTOR BEND RADIUS
 2014 NEC SECTION 300.24 BENDING RADIUS

1. REFER TO PRODUCT MANUAL ON NI.COM FOR MORE DETAILS.
 NOTES: UNLESS OTHERWISE SPECIFIED.

CUSTOMER DRAWING

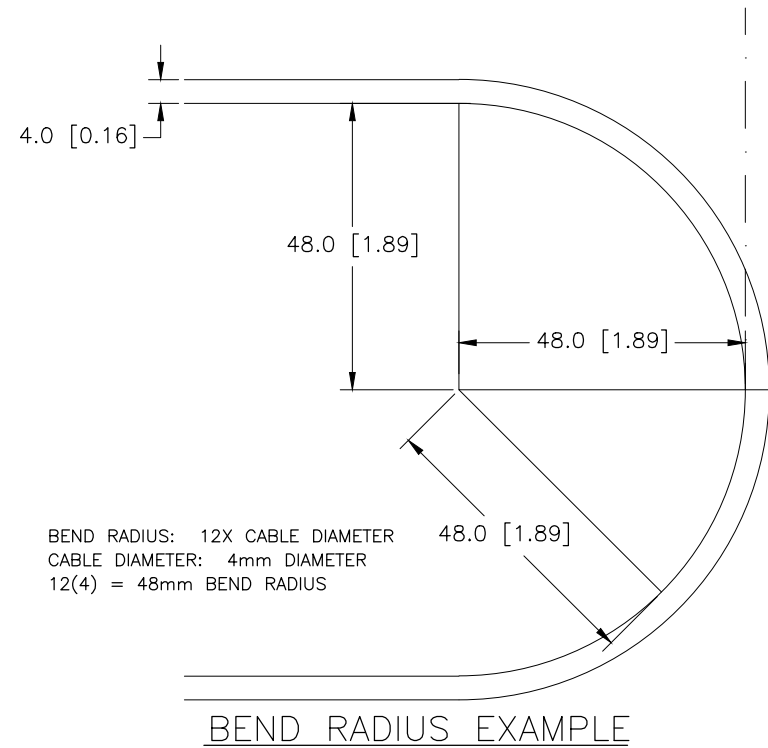
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]	NI.COM AUSTIN, TEXAS	
	TITLE DB-9/M TO VHDCI/M RS485	
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION	SIZE D 7U296	CODE IDENT NO. DATE 08/31/2020
	SCALE: 1/1	SHEET 1 OF 2

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WIRE LIST		
FROM	TO	SIGNAL-485
P9-1	P8-8	TXD+
P9-2	P8-7	HSO-
P9-3	P8-6	HSI-
P9-4	P8-4	RXD+
P9-5	P8-3	HSO+
P9-6	P8-5	RXD-
P9-7	P8-9	TXD-
P9-8	P8-2	HSI+
P9-9	P8/P7-1	GND(4)
P9-10	P7-8	TXD+
P9-11	P7-7	HSO-
P9-12	P7-6	HSI-
P9-13	P7-4	RXD+
P9-14	P7-3	HSO+
P9-15	P7-5	RXD-
P9-16	P7-9	TXD-
P9-17	P7-2	HSI+
P9-18	P6-8	TXD+
P9-19	P6-7	HSO-
P9-20	P6-6	HSI-
P9-21	P6-4	RXD+
P9-22	P6-3	HSO+
P9-23	P6-5	RXD-
P9-24	P6-9	TXD-
P9-25	P6-2	HSI+
P9-26	P6/P5-1	GND(3)
P9-27	P5-8	TXD+
P9-28	P5-7	HSO-
P9-29	P5-6	HSI-
P9-30	P5-4	RXD+
P9-31	P5-3	HSO+
P9-32	P5-5	RXD-
P9-33	P5-9	TXD-
P9-34	P5-2	HSI+

WIRE LIST (CONT.)		
FROM	TO	SIGNAL-485
P9-35	P4-8	TXD+
P9-36	P4-7	HSO-
P9-37	P4-6	HSI-
P9-38	P4-4	RXD+
P9-39	P4-3	HSO+
P9-40	P4-5	RXD-
P9-41	P4-9	TXD-
P9-42	P4-2	HSI+
P9-43	P4/P3-1	GND(2)
P9-44	P3-8	TXD+
P9-45	P3-7	HSO-
P9-46	P3-6	HSI-
P9-47	P3-4	RXD+
P9-48	P3-3	HSO+
P9-49	P3-5	RXD-
P9-50	P3-9	TXD-
P9-51	P3-2	HSI+
P9-52	P2-8	TXD+
P9-53	P2-7	HSO-
P9-54	P2-6	HSI-
P9-55	P2-4	RXD+
P9-56	P2-3	HSO+
P9-57	P2-5	RXD-
P9-58	P2-9	TXD-
P9-59	P2-2	HSI+
P9-60	P2/P1-1	GND(1)
P9-61	P1-8	TXD+
P9-62	P1-7	HSO-
P9-63	P1-6	HSI-
P9-64	P1-4	RXD+
P9-65	P1-3	HSO+
P9-66	P1-5	RXD-
P9-67	P1-9	TXD-
P9-68	P1-2	HSI+

WIRE PAIR LIST CONNECTORS P1-P8		
PAIR	PIN #	SIGNAL
1	8	TXD+
	9	TXD-
2	4	RXD+
	5	RXD-
3	3	HSO+
	7	HSO-
4	2	HSI+
	6	HSI-
SINGLE	1	GND

CUSTOMER DRAWING

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	SCALE: 1/1	SHEET 2 OF 2