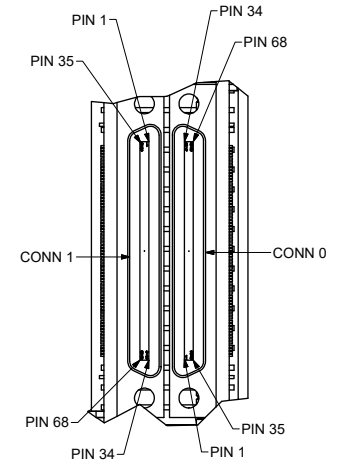
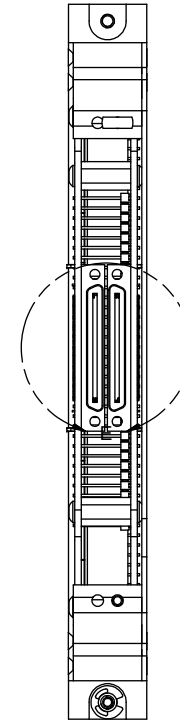
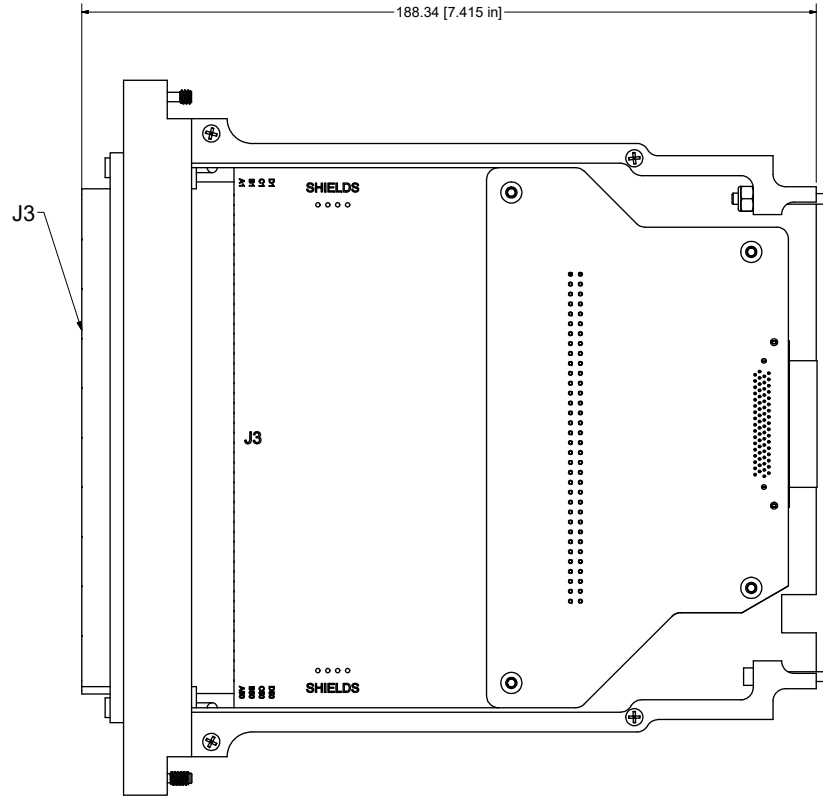
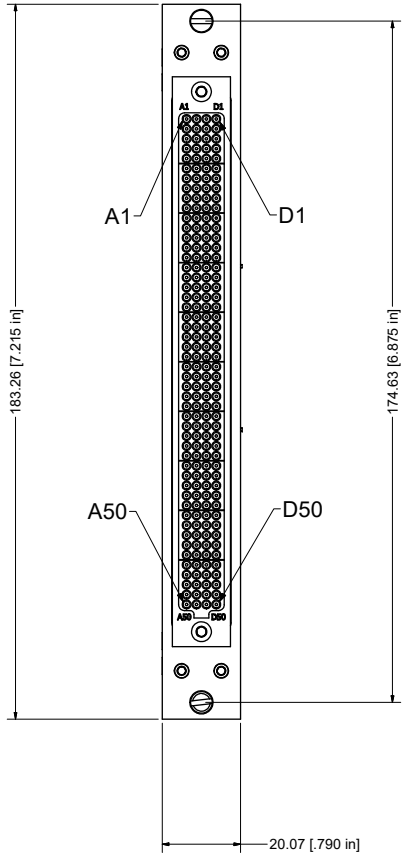


NOTES:

1. USE INSTRUCTION SHEET IN91100 FOR ATTACHING DAK TO PXI CARD.
2. RECEIVER/ITA MODULE TO BE KEYPED ON BOTTOM
3. BAG AND TAG P/N 5510941, 5510991, 440E9230.
4. PIN-OUT PER 561747XWL, USING PCB P/N 5512198X AND 5512199. CONN 0 CHANNELS 1 THRU 8, CONN 1 CHANNELS 9 THRU 16



DETAIL E
SCALE 3 : 1

BALLOON LEGEND

PART NUMBER
QTY

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TOLERANCES (UNLESS OTHERWISE SPECIFIED)
 SHEET METAL: UNFINISHED: ANGLE: ± 1°
 ANGLES ± 1° ANGLES ± 1°
 .XX ± .03 .XX ± .01
 .XXX ± .010 .XXX ± .005
 .XXX ± .005

REMOVE ALL BURRS AND BREAK SHARP EDGES.



DRAWN BY DBC	03/07/2018
ENGINEERING	
OPERATIONS	
MANUFACTURING	
ASSEMBLY	
MATERIAL USED	
561747X	

MAC PANEL COMPANY - HIGH POINT, NC	
TITLE	
DAK, PCB, 1X 68P VHDCI MALE, EXT D, NI-PX1e-8431/16, 1MM CONTACTS	
SIZE	DWG NO
D	561747X1-CU
SCALE	SPN:
	SHEET 1 OF 3

REV
B

NOTES:

1. USE INSTRUCTION SHEET IN91100 FOR ATTACHING DAK TO PXI CARD.
 2. RECEIVER/ITA MODULE TO BE KEYED ON BOTTOM
 3. BAG AND TAG P/N 5510941, 5510991, 440E9230.
 4. PIN-OUT PER 561747XWL, USING PCB P/N 5512198X AND 5512199.
- CONN 0 CHANNELS 1 THRU 8, CONN 1 CHANNELS 9 THRU 16

MAC 200 POS	PXI - Conn 0 68 Pin VHDCI	Channel	485 Signal	232 Signal
A1	61	1	TXD+	CTS
A2	64	1	RXD+	DTR
A3	68	1	CTS+	RXD
A4	65	1	RTS+	TXD
A5	60	1 & 2	GND	GND
A6	52	2	TXD+	CTS
A7	55	2	RXD+	DTR
A8	59	2	CTS+	RXD
A9	56	2	RTS+	TXD
A10	60	1 & 2	GND	GND
A11	44	3	TXD+	CTS
A12	47	3	RXD+	DTR
A13	51	3	CTS+	RXD
A14	48	3	RTS+	TXD
A15	43	3 & 4	GND	GND
A16	35	4	TXD+	CTS
A17	38	4	RXD+	DTR
A18	42	4	CTS+	RXD
A19	39	4	RTS+	TXD
A20	43	3 & 4	GND	GND
A21	27	5	TXD+	CTS
A22	30	5	RXD+	DTR
A23	34	5	CTS+	RXD
A24	31	5	RTS+	TXD
A25	26	5 & 6	GND	GND
A26	18	6	TXD+	CTS
A27	21	6	RXD+	DTR
A28	25	6	CTS+	RXD
A29	22	6	RTS+	TXD
A30	26	5 & 6	GND	GND
A31	10	7	TXD+	CTS
A32	13	7	RXD+	DTR
A33	17	7	CTS+	RXD
A34	14	7	RTS+	TXD
A35	9	7 & 8	GND	GND
A36	1	8	TXD+	CTS
A37	4	8	RXD+	DTR
A38	8	8	CTS+	RXD
A39	5	8	RTS+	TXD
A40	9	7 & 8	GND	GND
B1	67	1	TXD-	RI
B2	66	1	RXD-	DCD
B3	63	1	CTS-	DSR
B4	62	1	RTS-	RTS
B5	60	1 & 2	GND	GND
B6	58	2	TXD-	RI
B7	57	2	RXD-	DCD
B8	54	2	CTS-	DSR
B9	53	2	RTS-	RTS
B10	60	1 & 2	GND	GND
B11	50	3	TXD-	RI
B12	49	3	RXD-	DCD
B13	46	3	CTS-	DSR
B14	45	3	RTS-	RTS
B15	43	3 & 4	GND	GND
B16	41	4	TXD-	RI
B17	40	4	RXD-	DCD
B18	37	4	CTS-	DSR
B19	36	4	RTS-	RTS
B20	43	3 & 4	GND	GND
B21	33	5	TXD-	RI
B22	32	5	RXD-	DCD
B23	29	5	CTS-	DSR
B24	28	5	RTS-	RTS
B25	26	5 & 6	GND	GND
B26	24	6	TXD-	RI
B27	23	6	RXD-	DCD
B28	20	6	CTS-	DSR
B29	19	6	RTS-	RTS
B30	26	5 & 6	GND	GND
B31	16	7	TXD-	RI
B32	15	7	RXD-	DCD
B33	12	7	CTS-	DSR
B34	11	7	RTS-	RTS
B35	9	7 & 8	GND	GND
B36	7	8	TXD-	RI
B37	6	8	RXD-	DCD
B38	3	8	CTS-	DSR
B39	2	8	RTS-	RTS
B40	9	7 & 8	GND	GND

MAC 200 POS	PXI - CONN 1 68 Pin VHDCI	CHANNEL	485 SIGNAL
C1	61	9	TXD+
C2	64	9	RXD+
C3	68	9	CTS+
C4	65	9	RTS+
C5	60	9 & 10	GND
C6	52	10	TXD+
C7	55	10	RXD+
C8	59	10	CTS+
C9	56	10	RTS+
C10	60	9 & 10	GND
C11	44	11	TXD+
C12	47	11	RXD+
C13	51	11	CTS+
C14	48	11	RTS+
C15	43	11 & 12	GND
C16	35	12	TXD+
C17	38	12	RXD+
C18	42	12	CTS+
C19	39	12	RTS+
C20	43	11 & 12	GND
C21	27	13	TXD+
C22	30	13	RXD+
C23	34	13	CTS+
C24	31	13	RTS+
C25	26	13 & 14	GND
C26	18	14	TXD+
C27	21	14	RXD+
C28	25	14	CTS+
C29	22	14	RTS+
C30	26	13 & 14	GND
C31	10	15	TXD+
C32	13	15	RXD+
C33	17	15	CTS+
C34	14	15	RTS+
C35	9	15 & 16	GND
C36	1	16	TXD+
C37	4	16	RXD+
C38	8	16	CTS+
C39	5	16	RTS+
C40	9	15 & 16	GND
D1	67	9	TXD-
D2	66	9	RXD-
D3	63	9	CTS-
D4	62	9	RTS-
D5	60	9 & 10	GND
D6	58	10	TXD-
D7	57	10	RXD-
D8	54	10	CTS-
D9	53	10	RTS-
D10	60	9 & 10	GND
D11	50	11	TXD-
D12	49	11	RXD-
D13	46	11	CTS-
D14	45	11	RTS-
D15	43	11 & 12	GND
D16	41	12	TXD-
D17	40	12	RXD-
D18	37	12	CTS-
D19	36	12	RTS-
D20	43	11 & 12	GND
D21	33	13	TXD-
D22	32	13	RXD-
D23	29	13	CTS-
D24	28	13	RTS-
D25	26	13 & 14	GND
D26	24	14	TXD-
D27	23	14	RXD-
D28	20	14	CTS-
D29	19	14	RTS-
D30	26	13 & 14	GND
D31	16	15	TXD-
D32	15	15	RXD-
D33	12	15	CTS-
D34	11	15	RTS-
D35	9	15 & 16	GND
D36	7	16	TXD-
D37	6	16	RXD-
D38	3	16	CTS-
D39	2	16	RTS-
D40	9	15 & 16	GND

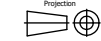
BALLOON LEGEND

PART NUMBER
QTY

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TOLERANCES (UNLESS OTHERWISE SPECIFIED)
SHEET METAL: ANGLES ± 1°
XXX ± .03
XXX ± .010
REMOVE ALL BURRS AND BREAK SHARP EDGES.

DRAWING: ANGLES ± 1°
XXX ± .03
XXX ± .005
Third Angle Projection



DRAWN BY DBC ENGINEERING	03/07/2018	MAC PANEL COMPANY - HIGH POINT, NC
OPERATIONS		TITLE
MANUFACTURING		DAK, PCB, 1X 68P VHDCI MALE, EXTD, NI-PXIE-8431/16, 1MM CONTACTS
ASSEMBLY		
MATERIAL USED		SIZE DWG NO D 561747X1-CU
561747X	SCALE	SPN: SHEET 3 OF 3