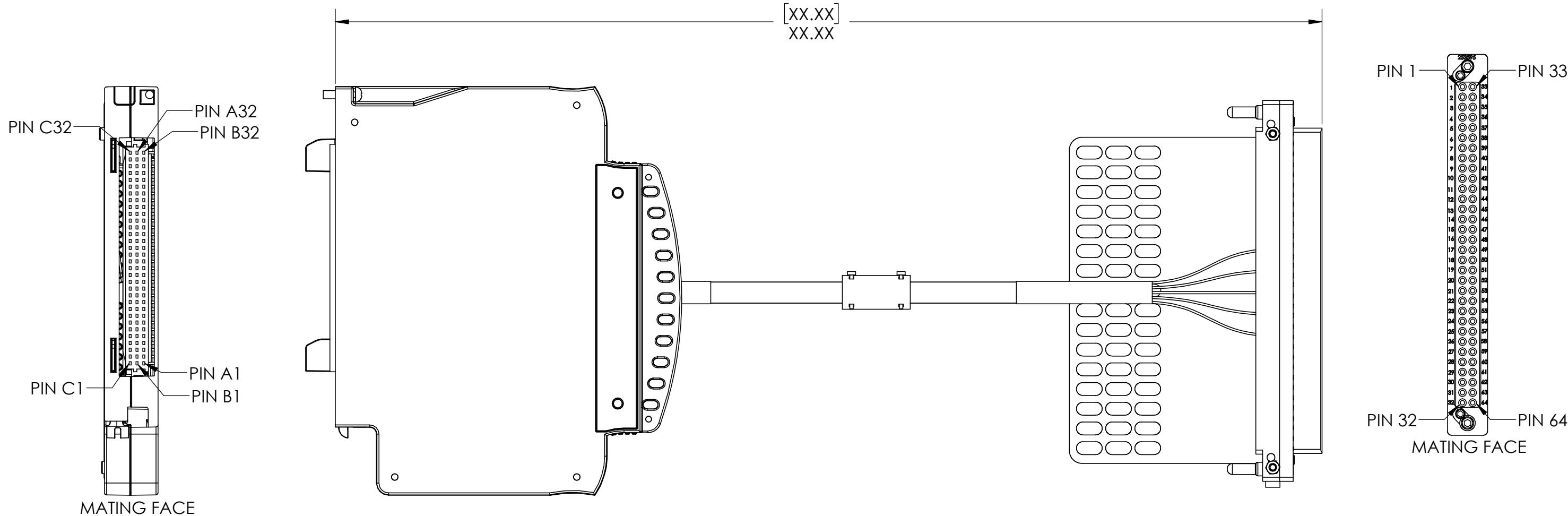


DO NOT SCALE DRAWING

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REV	DESCRIPTION	DATE	ENGINEER
B	ECN #12059	11/10/2021	S MULLINS



MATING ITA MODULE	510108124 (1)
MATING PATCHCORDS	7-409803000-036 (32)

VPC P/N 540291010X62 WHERE X =	LENGTH XX.XX"
1	20.00" [508]
2	36.00" [914]
6	48.00" [1219]
9	60.00" [1524]
5	72.00" [1829]

RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT

DIMENSIONS ARE SHOWN AS:
[MILLIMETERS]
INCHES

CUSTOMER DRAWING



CBA, RCV
THERMOCOUPLE TO
PXIE-4353 INCL TB-4353

DWG.NO.		REV	
540291010X62		B	
SIZE	SCALE	CAGE CODE	SHEET
B	NONE	18117	1 OF 1

Run #	From Location (Conn - Pin)	From Contact	Wire AWG	Wire/Patchcord P/N	Length (in)	Wire Color	Wire Group	To Location (Conn-Pin)	Front Connector	To Contact	Notes
1	P1-1	610113132	24	7-410803000-038	-	RED	1	TC0+	B32	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
2	P1-33	610113131	24	-	-	YEL	1	TC0-	B31	612424	
3	P1-2	610113132	24	7-410803000-038	-	RED	2	TC1+	C32	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
4	P1-34	610113131	24	-	-	YEL	2	TC1-	C31	612424	
5	P1-3	610113132	24	7-410803000-038	-	RED	3	TC2+	A31	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
6	P1-35	610113131	24	-	-	YEL	3	TC2-	A30	612424	
7	P1-4	610113132	24	7-410803000-038	-	RED	4	TC3+	C30	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
8	P1-36	610113131	24	-	-	YEL	4	TC3-	B30	612424	
9	P1-5	610113132	24	7-410803000-038	-	RED	5	TC4+	B29	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
10	P1-37	610113131	24	-	-	YEL	5	TC4-	B28	612424	
11	P1-6	610113132	24	7-410803000-038	-	RED	6	TC5+	C29	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
12	P1-38	610113131	24	-	-	YEL	6	TC5-	C28	612424	
13	P1-7	610113132	24	7-410803000-038	-	RED	7	TC6+	C27	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
14	P1-39	610113131	24	-	-	YEL	7	TC6-	B27	612424	
15	P1-8	610113132	24	7-410803000-038	-	RED	8	TC7+	B26	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
16	P1-40	610113131	24	-	-	YEL	8	TC7-	B25	612424	
17	P1-9	610113132	24	7-410803000-038	-	RED	9	TC8+	C26	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
18	P1-41	610113131	24	-	-	YEL	9	TC8-	C25	612424	
19	P1-10	610113132	24	7-410803000-038	-	RED	10	TC9+	C24	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
20	P1-42	610113131	24	-	-	YEL	10	TC9-	B24	612424	
21	P1-11	610113132	24	7-410803000-038	-	RED	11	TC10+	B23	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
22	P1-43	610113131	24	-	-	YEL	11	TC10-	B22	612424	
23	P1-12	610113132	24	7-410803000-038	-	RED	12	TC11+	C23	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
24	P1-44	610113131	24	-	-	YEL	12	TC11-	C22	612424	
25	P1-13	610113132	24	7-410803000-038	-	RED	13	TC12+	C21	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
26	P1-45	610113131	24	-	-	YEL	13	TC12-	B21	612424	
27	P1-14	610113132	24	7-410803000-038	-	RED	14	TC13+	B20	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
28	P1-46	610113131	24	-	-	YEL	14	TC13-	B19	612424	
29	P1-15	610113132	24	7-410803000-038	-	RED	15	TC14+	C20	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
30	P1-47	610113131	24	-	-	YEL	15	TC14-	C19	612424	
31	P1-16	610113132	24	7-410803000-038	-	RED	16	TC15+	C18	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
32	P1-48	610113131	24	-	-	YEL	16	TC15-	B18	612424	

Run #	From Location (Conn - Pin)	From Contact	Wire AWG	Wire/Patchcord P/N	Length (in)	Wire Color	Wire Group	To Location (Conn-Pin)	Front Connector	To Contact	Notes
33	P1-17	610113132	24	7-410803000-038	-	RED	17	TC16+	B17	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
34	P1-49	610113131	24	-	-	YEL	17	TC16-	B16	612424	
35	P1-18	610113132	24	7-410803000-038	-	RED	18	TC17+	C17	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
36	P1-50	610113131	24	-	-	YEL	18	TC17-	C16	612424	
37	P1-19	610113132	24	7-410803000-038	-	RED	19	TC18+	C15	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
38	P1-51	610113131	24	-	-	YEL	19	TC18-	B15	612424	
39	P1-20	610113132	24	7-410803000-038	-	RED	20	TC19+	B14	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
40	P1-52	610113131	24	-	-	YEL	20	TC19-	B13	612424	
41	P1-21	610113132	24	7-410803000-038	-	RED	21	TC20+	C14	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
42	P1-53	610113131	24	-	-	YEL	21	TC20-	C13	612424	
43	P1-22	610113132	24	7-410803000-038	-	RED	22	TC21+	C12	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
44	P1-54	610113131	24	-	-	YEL	22	TC21-	B12	612424	
45	P1-23	610113132	24	7-410803000-038	-	RED	23	TC22+	B11	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
46	P1-55	610113131	24	-	-	YEL	23	TC22-	B10	612424	
47	P1-24	610113132	24	7-410803000-038	-	RED	24	TC23+	C11	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
48	P1-56	610113131	24	-	-	YEL	24	TC23-	C10	612424	
49	P1-25	610113132	24	7-410803000-038	-	RED	25	TC24+	C9	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
50	P1-57	610113131	24	-	-	YEL	25	TC24-	B9	612424	
51	P1-26	610113132	24	7-410803000-038	-	RED	26	TC25+	B8	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
52	P1-58	610113131	24	-	-	YEL	26	TC25-	B7	612424	
53	P1-27	610113132	24	7-410803000-038	-	RED	27	TC26+	C8	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
54	P1-59	610113131	24	-	-	YEL	27	TC26-	C7	612424	
55	P1-28	610113132	24	7-410803000-038	-	RED	28	TC27+	C6	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
56	P1-60	610113131	24	-	-	YEL	28	TC27-	B6	612424	
57	P1-29	610113132	24	7-410803000-038	-	RED	29	TC28+	B5	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
58	P1-61	610113131	24	-	-	YEL	29	TC28-	B4	612424	
59	P1-30	610113132	24	7-410803000-038	-	RED	30	TC29+	C5	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
60	P1-62	610113131	24	-	-	YEL	30	TC29-	C4	612424	
61	P1-31	610113132	24	7-410803000-038	-	RED	31	TC30+	A4	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
62	P1-63	610113131	24	-	-	YEL	31	TC30-	A3	612424	
63	P1-32	610113132	24	7-410803000-038	-	RED	32	TC31+	C3	612424	ALL SHLDS TIED TOGETHER & TERMINATED TO RING TERMINAL ON TB-4353 GND SCREW.
64	P1-64	610113131	24	-	-	YEL	32	TC31-	B3	612424	