

4

3

2

1

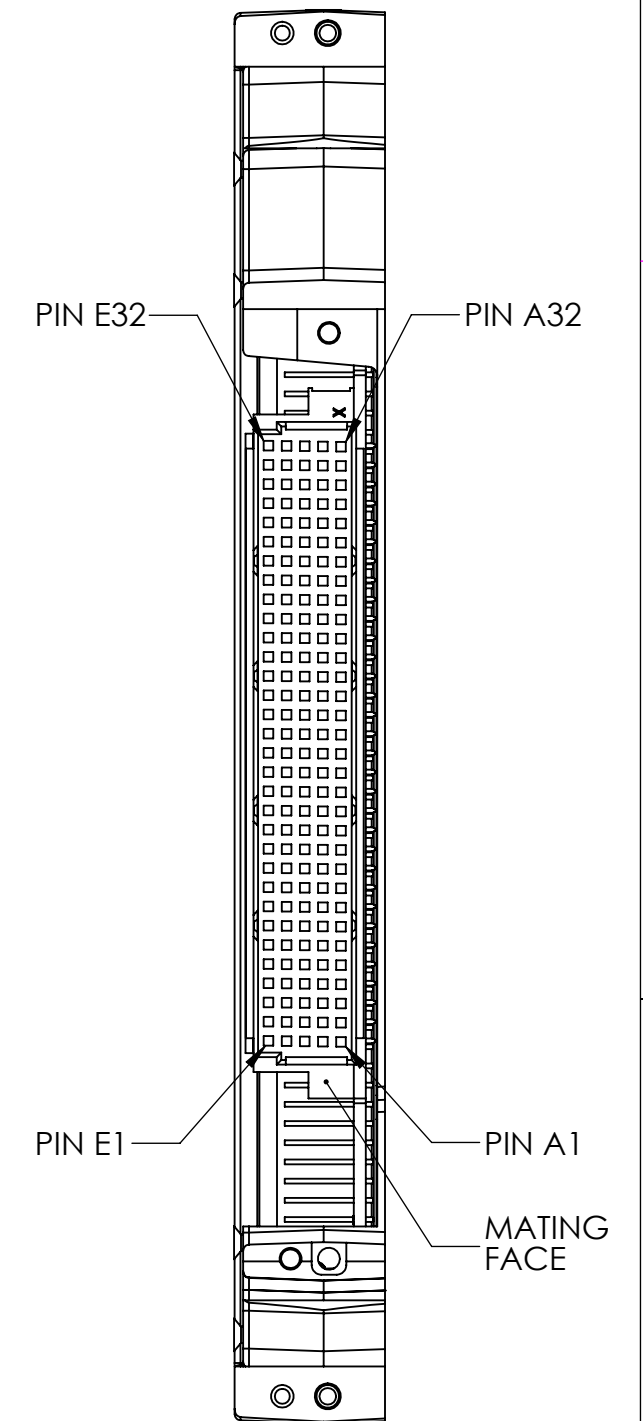
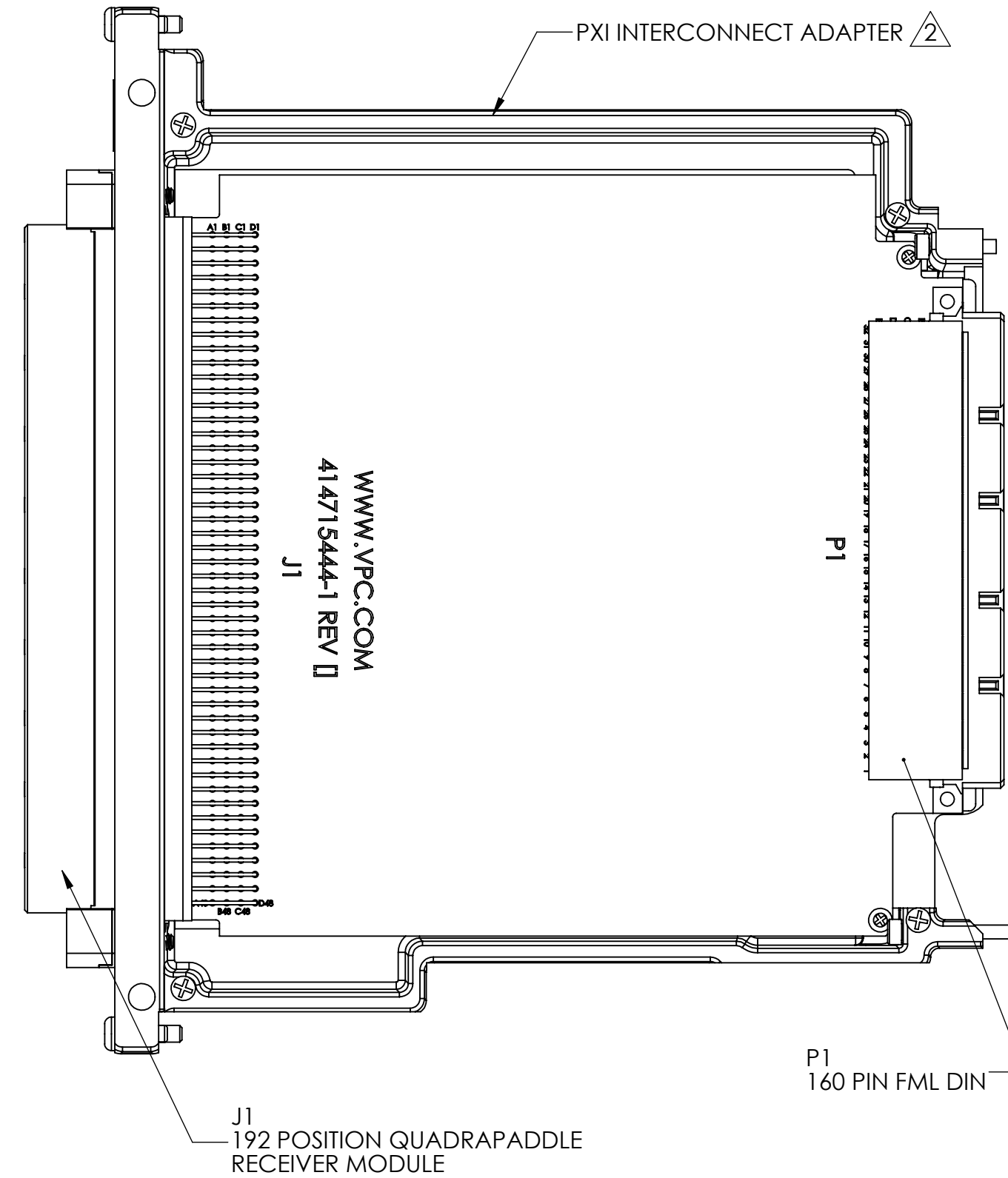
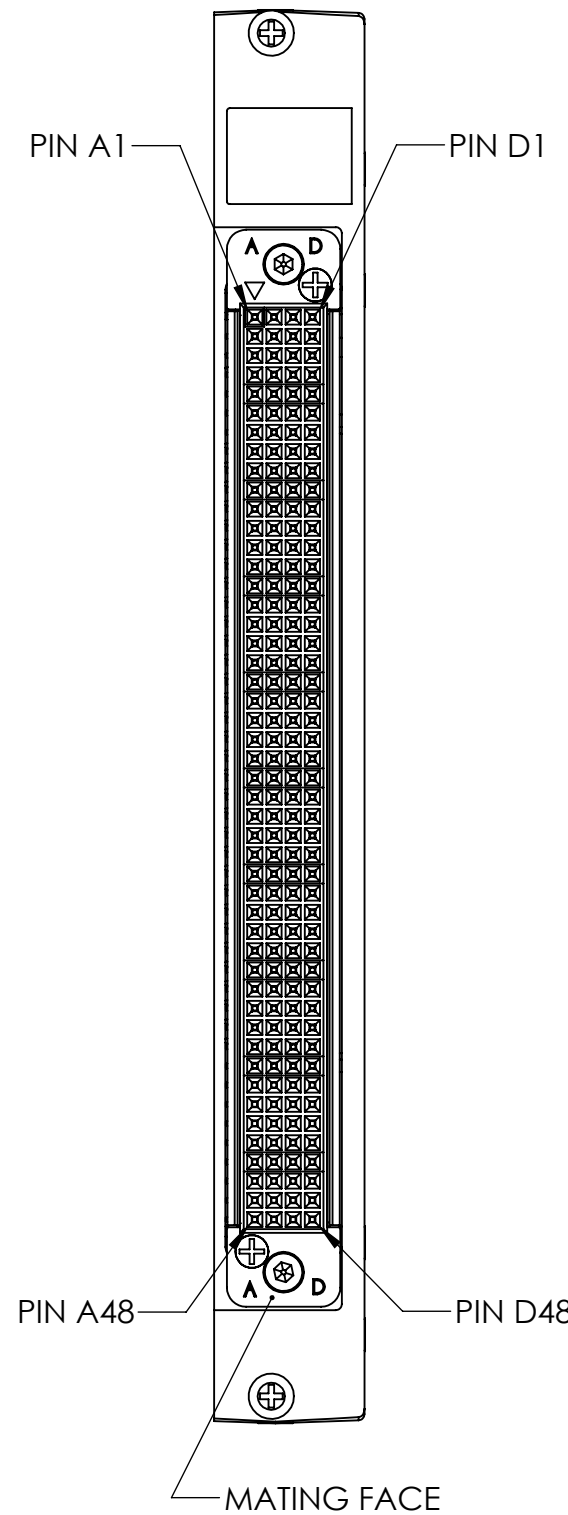
DO NOT SCALE DRAWING

THE INFORMATION CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF VIRGINIA PANEL CORPORATION AND IS SUBMITTED FOR USE BY THE CUSTOMER ONLY. THE DATA SHALL NOT BE DUPLICATED, USED, OR DISCLOSED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN TO MAINTAIN THE EQUIPMENT PROVIDED. CONSULT WITH VIRGINIA PANEL CORPORATION ENGINEERING IF MORE DETAIL IS REQUIRED.

| REVISIONS | | | |
|-----------|-------------|---------|----------|
| REV | DESCRIPTION | DATE | ENGR |
| H | ECN #12638 | 6/16/22 | R HERRON |

PCB TRACES

| FROM | TO | FROM | TO | FROM | TO | FROM | TO |
|--------|--------|--------|--------|--------|--------|--------|--------|
| J1-A1 | P1-E32 | J1-B1 | P1-B32 | J1-C1 | P1-C32 | J1-D1 | P1-D32 |
| J1-A2 | P1-A32 | J1-B2 | P1-E31 | J1-C2 | P1-C31 | J1-D2 | P1-D31 |
| J1-A3 | P1-A31 | J1-B3 | P1-B31 | J1-C3 | P1-E30 | J1-D3 | P1-D30 |
| J1-A4 | P1-A30 | J1-B4 | P1-B30 | J1-C4 | P1-C30 | J1-D4 | P1-E29 |
| J1-A5 | P1-A29 | J1-B5 | P1-B29 | J1-C5 | P1-C29 | J1-D5 | P1-D29 |
| J1-A6 | P1-E28 | J1-B6 | P1-B28 | J1-C6 | P1-C28 | J1-D6 | P1-D28 |
| J1-A7 | P1-A28 | J1-B7 | P1-E27 | J1-C7 | P1-C27 | J1-D7 | P1-D27 |
| J1-A8 | P1-A27 | J1-B8 | P1-B27 | J1-C8 | P1-E26 | J1-D8 | P1-D26 |
| J1-A9 | P1-A26 | J1-B9 | P1-B26 | J1-C9 | P1-C26 | J1-D9 | P1-E25 |
| J1-A10 | P1-A25 | J1-B10 | P1-B25 | J1-C10 | P1-C25 | J1-D10 | P1-D25 |
| J1-A11 | P1-E24 | J1-B11 | P1-B24 | J1-C11 | P1-C24 | J1-D11 | P1-D24 |
| J1-A12 | P1-A24 | J1-B12 | P1-E23 | J1-C12 | P1-C23 | J1-D12 | P1-D23 |
| J1-A13 | P1-A23 | J1-B13 | P1-B23 | J1-C13 | P1-E22 | J1-D13 | P1-D22 |
| J1-A14 | P1-A22 | J1-B14 | P1-B22 | J1-C14 | P1-C22 | J1-D14 | P1-E21 |
| J1-A15 | P1-A21 | J1-B15 | P1-B21 | J1-C15 | P1-C21 | J1-D15 | P1-D21 |
| J1-A16 | P1-E20 | J1-B16 | P1-B20 | J1-C16 | P1-C20 | J1-D16 | P1-D20 |
| J1-A17 | P1-A20 | J1-B17 | P1-E19 | J1-C17 | P1-C19 | J1-D17 | P1-D19 |
| J1-A18 | P1-A19 | J1-B18 | P1-B19 | J1-C18 | P1-E18 | J1-D18 | P1-D18 |
| J1-A19 | P1-A18 | J1-B19 | P1-B18 | J1-C19 | P1-C18 | J1-D19 | P1-E17 |
| J1-A20 | P1-A17 | J1-B20 | P1-B17 | J1-C20 | P1-C17 | J1-D20 | P1-D17 |
| J1-A21 | P1-E16 | J1-B21 | P1-B16 | J1-C21 | P1-C16 | J1-D21 | P1-D16 |
| J1-A22 | P1-A16 | J1-B22 | P1-E15 | J1-C22 | P1-C15 | J1-D22 | P1-D15 |
| J1-A23 | P1-A15 | J1-B23 | P1-B15 | J1-C23 | P1-E14 | J1-D23 | P1-D14 |
| J1-A24 | P1-A14 | J1-B24 | P1-B14 | J1-C24 | P1-C14 | J1-D24 | P1-E13 |
| J1-A25 | P1-A13 | J1-B25 | P1-B13 | J1-C25 | P1-C13 | J1-D25 | P1-D13 |
| J1-A26 | P1-E12 | J1-B26 | P1-B12 | J1-C26 | P1-C12 | J1-D26 | P1-D12 |
| J1-A27 | P1-A12 | J1-B27 | P1-E11 | J1-C27 | P1-C11 | J1-D27 | P1-D11 |
| J1-A28 | P1-A11 | J1-B28 | P1-B11 | J1-C28 | P1-E10 | J1-D28 | P1-D10 |
| J1-A29 | P1-A10 | J1-B29 | P1-B10 | J1-C29 | P1-C10 | J1-D29 | P1-E9 |
| J1-A30 | P1-A9 | J1-B30 | P1-B9 | J1-C30 | P1-C9 | J1-D30 | P1-D9 |
| J1-A31 | P1-E8 | J1-B31 | P1-B8 | J1-C31 | P1-C8 | J1-D31 | P1-D8 |
| J1-A32 | P1-A8 | J1-B32 | P1-E7 | J1-C32 | P1-C7 | J1-D32 | P1-D7 |
| J1-A33 | P1-A7 | J1-B33 | P1-B7 | J1-C33 | P1-E6 | J1-D33 | P1-D6 |
| J1-A34 | P1-A6 | J1-B34 | P1-B6 | J1-C34 | P1-C6 | J1-D34 | P1-E5 |
| J1-A35 | P1-A5 | J1-B35 | P1-B5 | J1-C35 | P1-C5 | J1-D35 | P1-D5 |
| J1-A36 | P1-E4 | J1-B36 | P1-B4 | J1-C36 | P1-C4 | J1-D36 | P1-D4 |
| J1-A37 | P1-A4 | J1-B37 | P1-E3 | J1-C37 | P1-C3 | J1-D37 | P1-D3 |
| J1-A38 | P1-A3 | J1-B38 | P1-B3 | J1-C38 | P1-E2 | J1-D38 | P1-D2 |
| J1-A39 | P1-A2 | J1-B39 | P1-B2 | J1-C39 | P1-C2 | J1-D39 | P1-E1 |
| J1-A40 | P1-A1 | J1-B40 | P1-B1 | J1-C40 | P1-C1 | J1-D40 | P1-D1 |
| J1-A41 | N/C | J1-B41 | N/C | J1-C41 | N/C | J1-D41 | N/C |
| J1-A42 | N/C | J1-B42 | N/C | J1-C42 | N/C | J1-D42 | N/C |
| J1-A43 | N/C | J1-B43 | N/C | J1-C43 | N/C | J1-D43 | N/C |
| J1-A44 | N/C | J1-B44 | N/C | J1-C44 | N/C | J1-D44 | N/C |
| J1-A45 | N/C | J1-B45 | N/C | J1-C45 | N/C | J1-D45 | N/C |
| J1-A46 | N/C | J1-B46 | N/C | J1-C46 | N/C | J1-D46 | N/C |
| J1-A47 | N/C | J1-B47 | N/C | J1-C47 | N/C | J1-D47 | N/C |
| J1-A48 | N/C | J1-B48 | N/C | J1-C48 | N/C | J1-D48 | N/C |



| PART NUMBER | COMPATIBLE INSTRUMENTS |
|-------------|------------------------|
| 510140141-1 | PICKERING 40-612-002 |
| 510140141-2 | PICKERING 40-139-201 |

CUSTOMER DRAWING

VIRGINIA PANEL CORPORATION
WWW.VPC.COM

WDA PCB PXI 160 DIN FML

| | | | |
|-------------|-----------|-----------|--------------|
| SIZE | CAGE CODE | DWG. NO. | REV |
| C | 18117 | 510140141 | H |
| SCALE: NONE | 510140141 | 2/17/2012 | SHEET 1 OF 1 |

3 MATING ITA MODULE: 510151105 (1) 7-121964000-036 (160)

2 SHOWN WITHOUT COVER.

1. FOR APPLICATION USE & CARE INFORMATION CONSULT VPC USERS GUIDE @WWW.VPC.COM

NOTES:

RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT DIMENSIONS ARE SHOWN AS: [MILLIMETERS] INCHES

4

3

2

1