

4

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DO NOT SCALE DRAWING

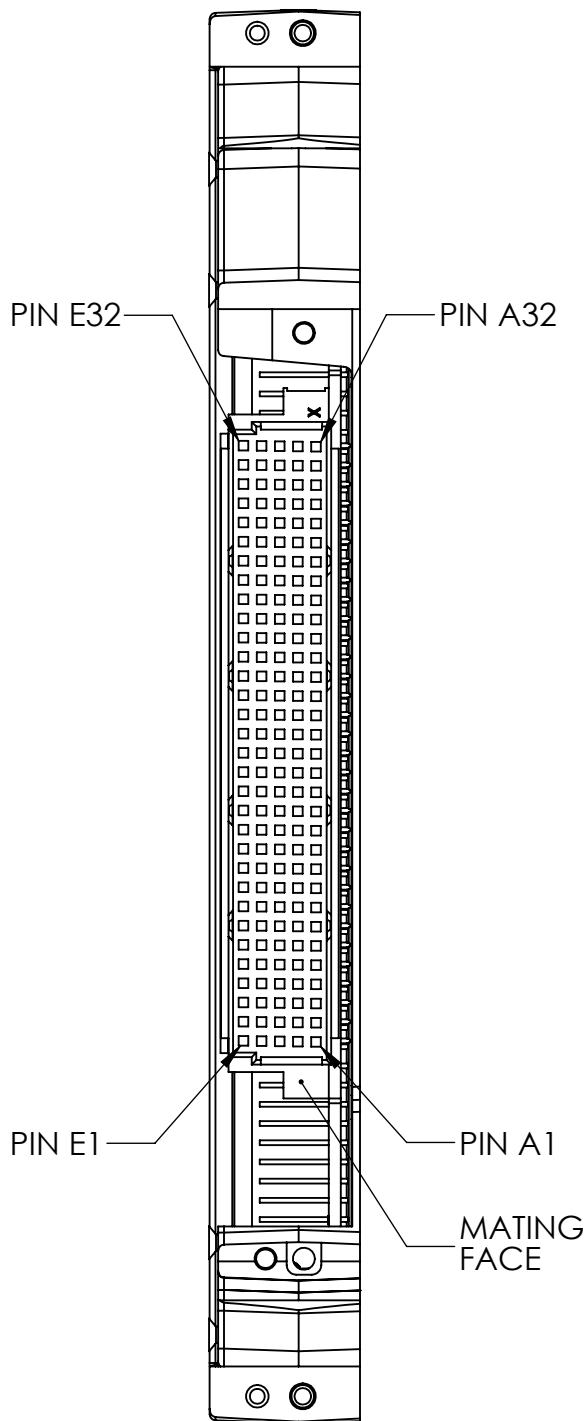
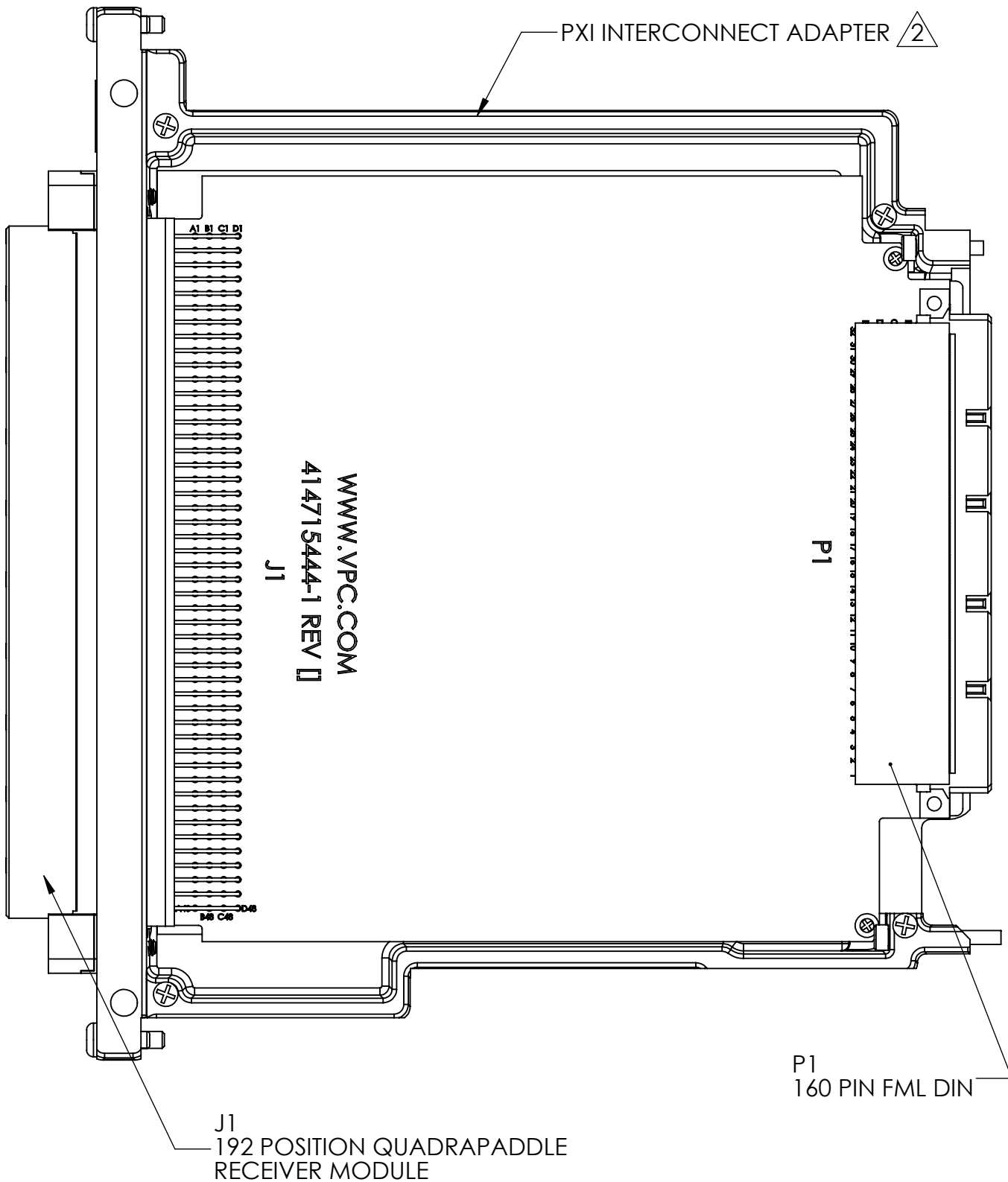
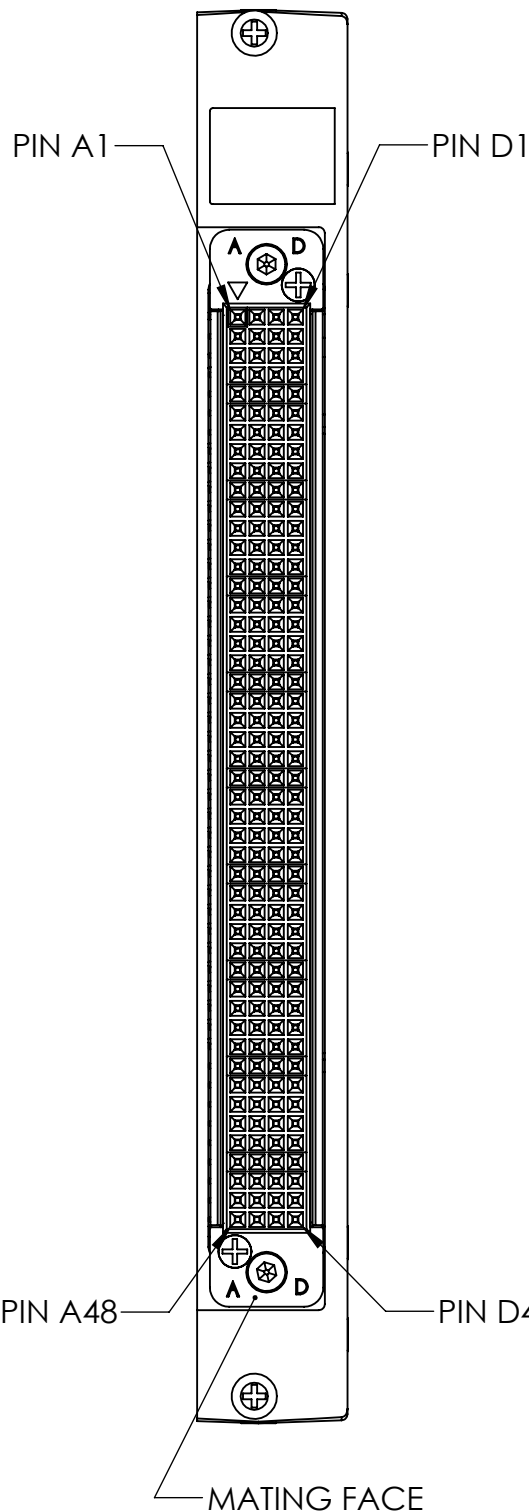
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REVISIONS

| 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

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

| 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:

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