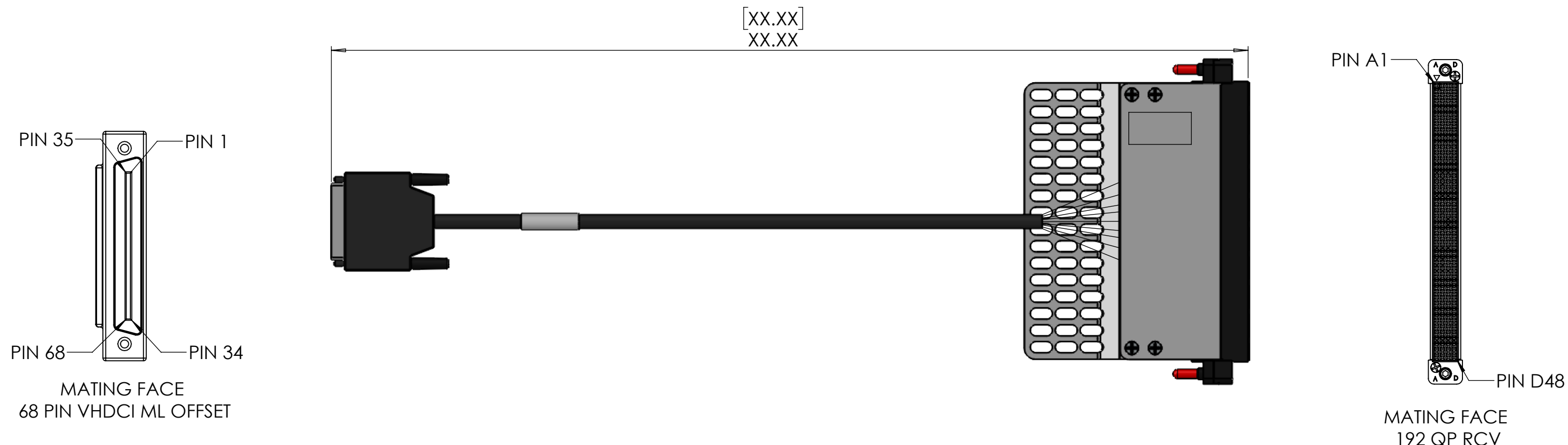


DO NOT SCALE DRAWING


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| REV | DESCRIPTION                 | DATE    | ENGINEER |
|-----|-----------------------------|---------|----------|
| A   | ORIGINAL RELEASE ECN #15703 | 3/23/26 | T JONES  |



- 2. MATING MODULE 510151105 QTY 1  
MATING PATCHCORDS 7-121424000-036 QTY 69
- 1. FOR MORE INFORMATION VISIT VPC.COM

NOTES:

| VPC P/N<br>P/N<br>WHERE X =   | LENGTH<br>XX.XX" | CUSTOMER DRAWING   |            |                 |              |
|---|------------------|--|------------|-----------------|--------------|
| 1   | 20.00" [508]     | <br>CBA 192QP TO 68 VHDCI |            |                 |              |
| 2   | 36.00" [914]     |  |            |                 |              |
| 6   | 48.00" [1219]    |  |            |                 |              |
| 9   | 60.00" [1524]    |  |            |                 |              |
| 5   | 72.00" [1829]    |  |            |                 |              |
| <small>RELATIVE CONNECTOR POSITIONS AND WIRE ROUTING ARE GENERIC AND MAY VARY WITH PINOUT</small> |                  | DWG.NO. <b>540212040X40</b> REV <b>A</b>   |            |                 |              |
| DIMENSIONS ARE SHOWN AS:<br>[MILLIMETERS]<br>INCHES   |                  | SIZE B   | SCALE NONE | CAGE CODE 18117 | SHEET 1 OF 2 |

| Run # | From Location<br>(Conn - Pin) | Signal Desc | Wire<br>AWG | Wire Color | Wire<br>Group | To Location<br>(Conn-Pin) |
|-------|-------------------------------|-------------|-------------|------------|---------------|---------------------------|
| 1     | P1-A1                         | PFI 14/P2.6 | 28 T/P      | YEL        | 1             | J1-1                      |
| 2     | P1-A2                         | D GND       | ↑           | YEL/BLK    | ↑             | J1-35                     |
| 3     | P1-B1                         | PFI 12/P2.4 | 28 T/P      | RED        | 2             | J1-2                      |
| 4     | P1-B2                         | D GND       | ↑           | RED/BLK    | ↑             | J1-36                     |
| 5     | P1-C1                         | PFI 9/P2.1  | 28 T/P      | BRN        | 3             | J1-3                      |
| 6     | P1-C2                         | PFI 8/P2.0  | ↑           | BRN/WHT    | ↑             | J1-37                     |
| 7     | P1-D1                         | D GND       | 28 T/P      | LT BLU     | 4             | J1-4                      |
| 8     | P1-D2                         | PFI 7/P1.7  | ↑           | LT BLU/BLK | ↑             | J1-38                     |
| 9     | P1-A3                         | PFI 6/P1.6  | 28 T/P      | LT BLU/GRN | 5             | J1-5                      |
| 10    | P1-A4                         | PFI 15/P2.7 | ↑           | LT BLU/YEL | ↑             | J1-39                     |
| 11    | P1-B3                         | PFI 5/P1.5  | 28 T/P      | GRN        | 6             | J1-6                      |
| 12    | P1-B4                         | PFI 13/P2.5 | ↑           | GRN/BLK    | ↑             | J1-40                     |
| 13    | P1-C3                         | D GND       | 28 T/P      | BLU        | 7             | J1-7                      |
| 14    | P1-C4                         | PFI 4/P1.4  | ↑           | BLU/WHT    | ↑             | J1-41                     |
| 15    | P1-D3                         | +5 V        | 28 T/P      | WHT        | 8             | J1-8                      |
| 16    | P1-D4                         | PFI 3/P1.3  | ↑           | WHT/BLK    | ↑             | J1-42                     |
| 17    | P1-A5                         | D GND       | 28 T/P      | PNK        | 9             | J1-9                      |
| 18    | P1-A6                         | PFI 2/P1.2  | ↑           | PNK/BLK    | ↑             | J1-43                     |
| 19    | P1-B5                         | PFI 1/P1.1  | 28 T/P      | VIO        | 10            | J1-10                     |
| 20    | P1-B6                         | D GND       | ↑           | VIO/WHT    | ↑             | J1-44                     |
| 21    | P1-C5                         | PFI 0/P1.0  | 28 T/P      | GRY        | 11            | J1-11                     |
| 22    | P1-C6                         | PFI 10/P2.2 | ↑           | GRY/BLK    | ↑             | J1-45                     |
| 23    | P1-D5                         | D GND       | 28 T/P      | ORG        | 12            | J1-12                     |
| 24    | P1-D6                         | PFI 11/P2.3 | ↑           | ORG/BLK    | ↑             | J1-46                     |
| 25    | P1-A7                         | D GND       | 28 T/P      | PNK/WHT    | 13            | J1-13                     |
| 26    | P1-A8                         | P0.3        | ↑           | PNK/YEL    | ↑             | J1-47                     |
| 27    | P1-B7                         | +5 V        | 28 T/P      | GRY/GRN    | 14            | J1-14                     |
| 28    | P1-B8                         | P0.7        | ↑           | GRY/YEL    | ↑             | J1-48                     |
| 29    | P1-C7                         | D GND       | 28 T/P      | WHT/YEL    | 15            | J1-15                     |
| 30    | P1-C8                         | P0.2        | ↑           | WHT/GRN    | ↑             | J1-49                     |
| 31    | P1-D7                         | P0.6        | 28 T/P      | LT GRN/RD  | 16            | J1-16                     |
| 32    | P1-D8                         | D GND       | ↑           | GRN/BLU    | ↑             | J1-50                     |
| 33    | P1-A9                         | P0.1        | 28 T/P      | LT BLU/BLU | 17            | J1-17                     |
| 34    | P1-A10                        | P0.5        | ↑           | LT BLU/RED | ↑             | J1-51                     |

| Run # | From Location<br>(Conn - Pin) | Signal Desc   | Wire<br>AWG | Wire Color | Wire<br>Group | To Location<br>(Conn-Pin) |
|-------|-------------------------------|---------------|-------------|------------|---------------|---------------------------|
| 35    | P1-B9                         | D GND         | 28 T/P      | PNK/RED    | 18            | J1-18                     |
| 36    | P1-B10                        | P0.0          | ↑           | PNK/BLU    | ↑             | J1-52                     |
| 37    | P1-C9                         | P0.4          | 28 T/P      | GRY/RED    | 19            | J1-19                     |
| 38    | P1-C10                        | D GND         | ↑           | GRY/BLU    | ↑             | J1-53                     |
| 39    | P1-D9                         | APFI 0        | 28 T/P      | GRN/WHT    | 20            | J1-20                     |
| 40    | P1-D10                        | AO GND        | ↑           | LT GRN/BLU | ↑             | J1-54                     |
| 41    | P1-A11                        | AO 1          | 28 T/P      | YEL/RED    | 21            | J1-21                     |
| 42    | P1-A12                        | AO GND        | ↑           | YEL/BLU    | ↑             | J1-55                     |
| 43    | P1-B11                        | AO 0          | 28 T/P      | RED/WHT    | 22            | J1-22                     |
| 44    | P1-B12                        | AI GND        | ↑           | RED/BLU    | ↑             | J1-56                     |
| 45    | P1-C11                        | AI 15 (AI 7-) | 28 T/P      | WHT/RED    | 23            | J1-23                     |
| 46    | P1-C12                        | AI 7 (AI 7+)  | ↑           | WHT/BLU    | ↑             | J1-57                     |
| 47    | P1-D11                        | AI GND        | 28 T/P      | LT GRN     | 24            | J1-24                     |
| 48    | P1-D12                        | AI 14 (AI 6-) | ↑           | LT GRN/BLK | ↑             | J1-58                     |
| 49    | P1-A13                        | AI 6 (AI 6+)  | 28 T/P      | LT GRN/YEL | 25            | J1-25                     |
| 50    | P1-A14                        | AI GND        | ↑           | LT GRN/GRN | ↑             | J1-59                     |
| 51    | P1-B13                        | AI 13 (AI 5-) | 28 T/P      | ORG/WHT    | 26            | J1-26                     |
| 52    | P1-B14                        | AI 5 (AI 5+)  | ↑           | GRY/WHT    | ↑             | J1-60                     |
| 53    | P1-C13                        | AI GND        | 28 T/P      | ORG/GRN    | 27            | J1-27                     |
| 54    | P1-C14                        | AI 12 (AI 4-) | ↑           | ORG/RED    | ↑             | J1-61                     |
| 55    | P1-D13                        | AI 4 (AI 4+)  | 28 T/P      | VIO/GRN    | 28            | J1-28                     |
| 56    | P1-D14                        | AI SENSE      | ↑           | VIO/BLU    | ↑             | J1-62                     |
| 57    | P1-A15                        | AI GND        | 28 T/P      | VIO/RED    | 29            | J1-29                     |
| 58    | P1-A16                        | AI 11 (AI 3-) | ↑           | BLU/RED    | ↑             | J1-63                     |
| 59    | P1-B15                        | AI 3 (AI 3+)  | 28 T/P      | LT YEL/BLK | 30            | J1-30                     |
| 60    | P1-B16                        | AI GND        | ↑           | YEL/WHT    | ↑             | J1-64                     |
| 61    | P1-C15                        | AI 10 (AI 2-) | 28 T/P      | LT YEL/GRN | 31            | J1-31                     |
| 62    | P1-C16                        | AI 2 (AI 2+)  | ↑           | LT YEL/BLU | ↑             | J1-65                     |
| 63    | P1-D15                        | AI GND        | 28 T/P      | LT YEL     | 32            | J1-32                     |
| 64    | P1-D16                        | AI 9 (AI 1-)  | ↑           | LT YEL/RED | ↑             | J1-66                     |
| 65    | P1-A17                        | AI 1 (AI 1+)  | 28 T/P      | LT BRN     | 33            | J1-33                     |
| 66    | P1-A18                        | AI GND        | ↑           | LT BRN/RED | ↑             | J1-67                     |
| 67    | P1-B17                        | AI 8 (AI 0-)  | 28 T/P      | BLK        | 34            | J1-34                     |
| 68    | P1-B18                        | AI 0 (AI 0+)  | ↑           | BLK/WHT    | ↑             | J1-68                     |
| 69    | P1-C17                        | SHLD          | 24          | BLK        | -             | J1-SHLD                   |

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DWG.NO.

**540212040X40**

REV

**A**

SIZE  
B

SCALE  
NONE

CAGE CODE  
18117

SHEET  
2 OF 2

DO NOT SCALE DRAWING