

## P11 Cable Assembly Kit



(Qty 2) Aluminum Backshell Body P11 (MEC-28M-01-302-02)

(Qty 1) MDM 25-pin Male Connector (CONN-380-025-113L001)

(Qty 2) Knurled 2-56 Thumbscrews (NTEC-B71014305)

(Qty 4) 5/16-inch 0-80 Flat-head Philips Screws, Stainless Steel

(Qty 1) PCB Board P11 Assembly (HARM-3428M0141101)

### Notes:

- 1.) See page 2 for PCB details
- 2.) See page 3 for assembly instructions.

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## P11 PCB Detail

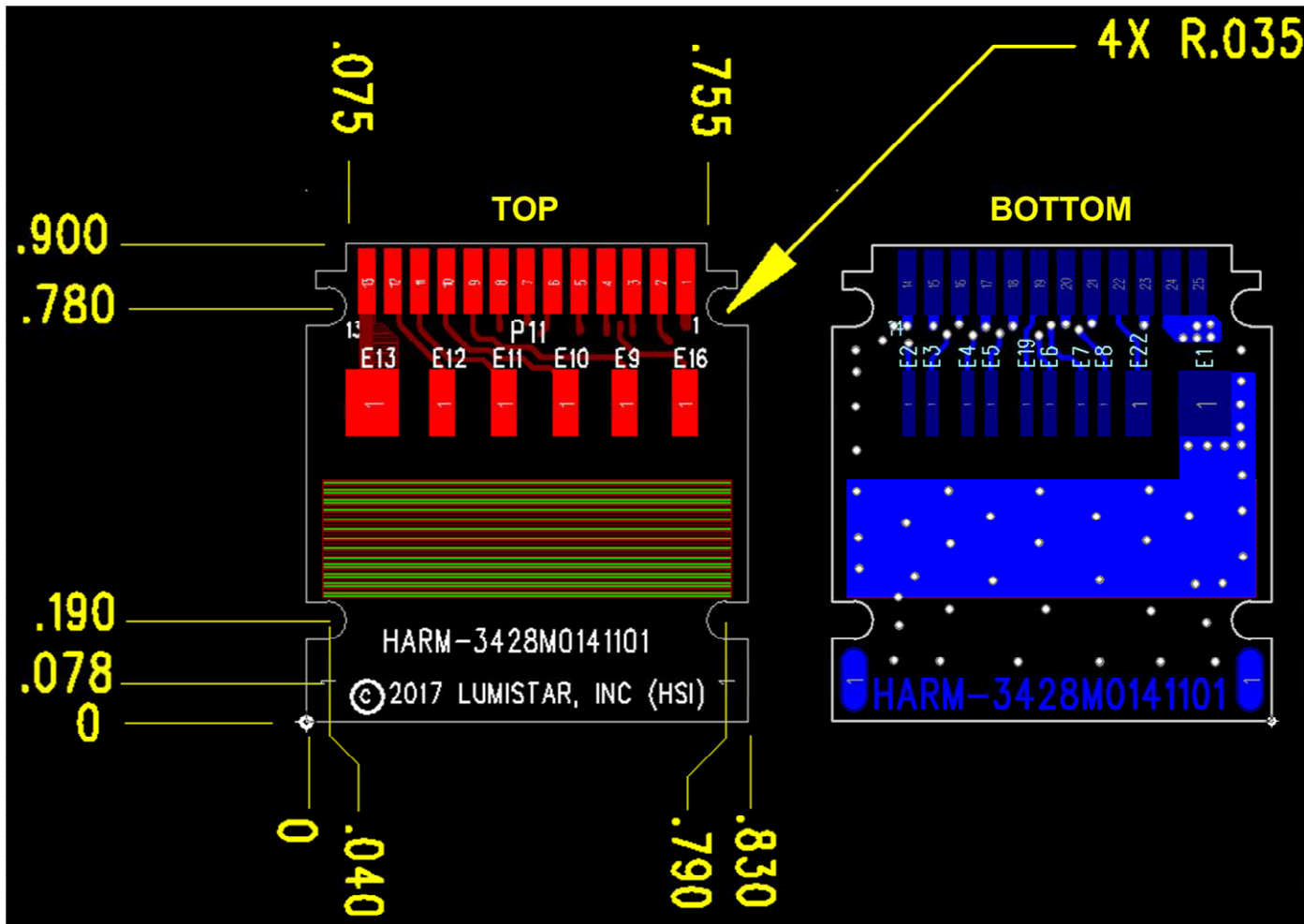


Table 1. P11 Connector Pinout

P11 Connector Pin	PCB Pad Identifier
12	E12
11	E11
10	E10
9	E9
8	E8
7	E7
6	E6
19	E19
5	E5
4	E4
3	E3
2	E2
13	
24	E13
25	
1	
14	E1
15	
16	E16
17, 18, 20, 21, 22, 23	Ground

### Notes:

- 1.) See Table 1 for MDM pin versus E-pad designations.

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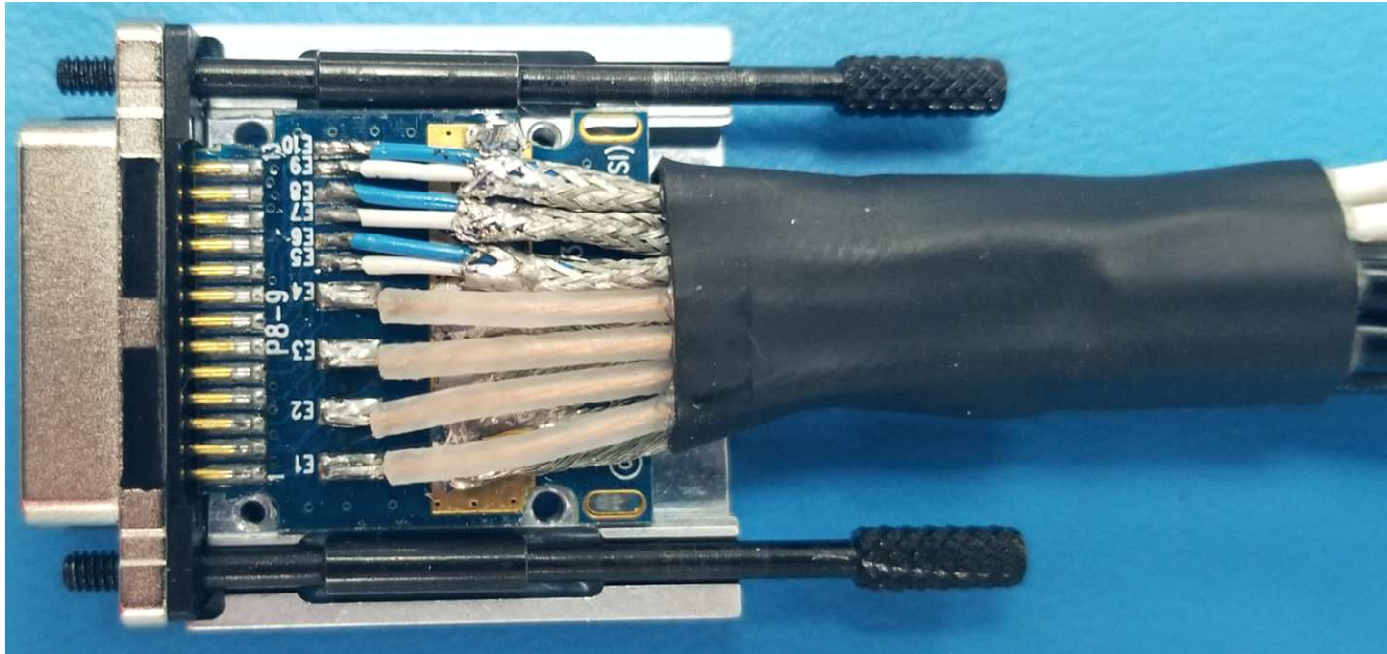
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## Assembly Instructions



*(Picture above is provided as an example for various cable connection types and may not reflect the actual PCB of this specific kit)*

### **Assembly Procedure:**

- 1.) Solder MDM connector in an end-launch fashion to the bare PCB assembly.
- 2.) Attach cables to PCB assembly as desired. Terminate shields to the common ground strap on either side of the PCB assembly.
- 3.) Insert MDM-PCB-Cable assembly into one backshell cover.
- 4.) Insert thumbscrews as shown.
- 5.) Apply the opposing back shell half.
- 6.) Use four 0-80 screws, two on each side of the backshell assembly to secure the covers.

### **Notes:**

- 1.) Lumistar recommends the use of RG174 50-ohm Shielded cable for single-ended connections
- 2.) Lumistar recommends the use of Tyco Raychem 55A1121-26-6/9-9 110-ohm Twisted Shielded Pair cabling for differential signals.

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