

| REVISION TABLE |      |             |        |          |
|----------------|------|-------------|--------|----------|
| REV            | ECN# | DESCRIPTION | REV BY | APPROVED |
| L              | ---  | ---         | JRM    | MPW      |
|                |      |             |        | DATE     |
|                |      |             |        | 9-1-11   |

A

B

C

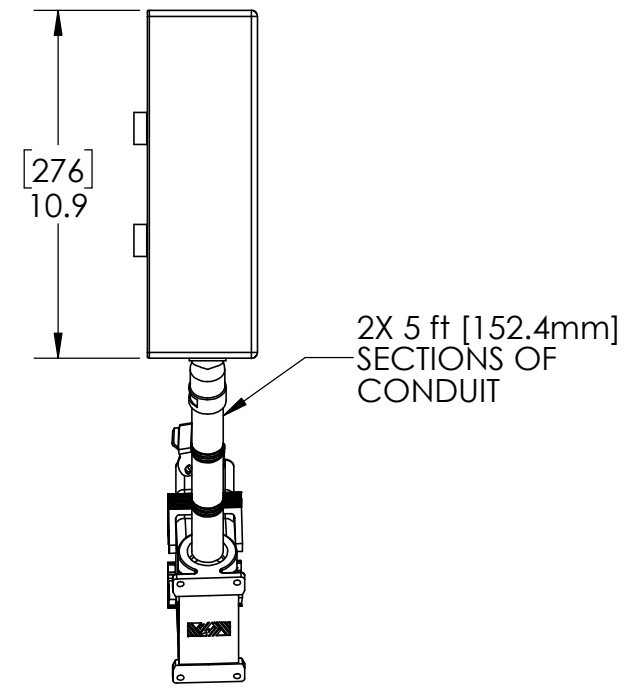
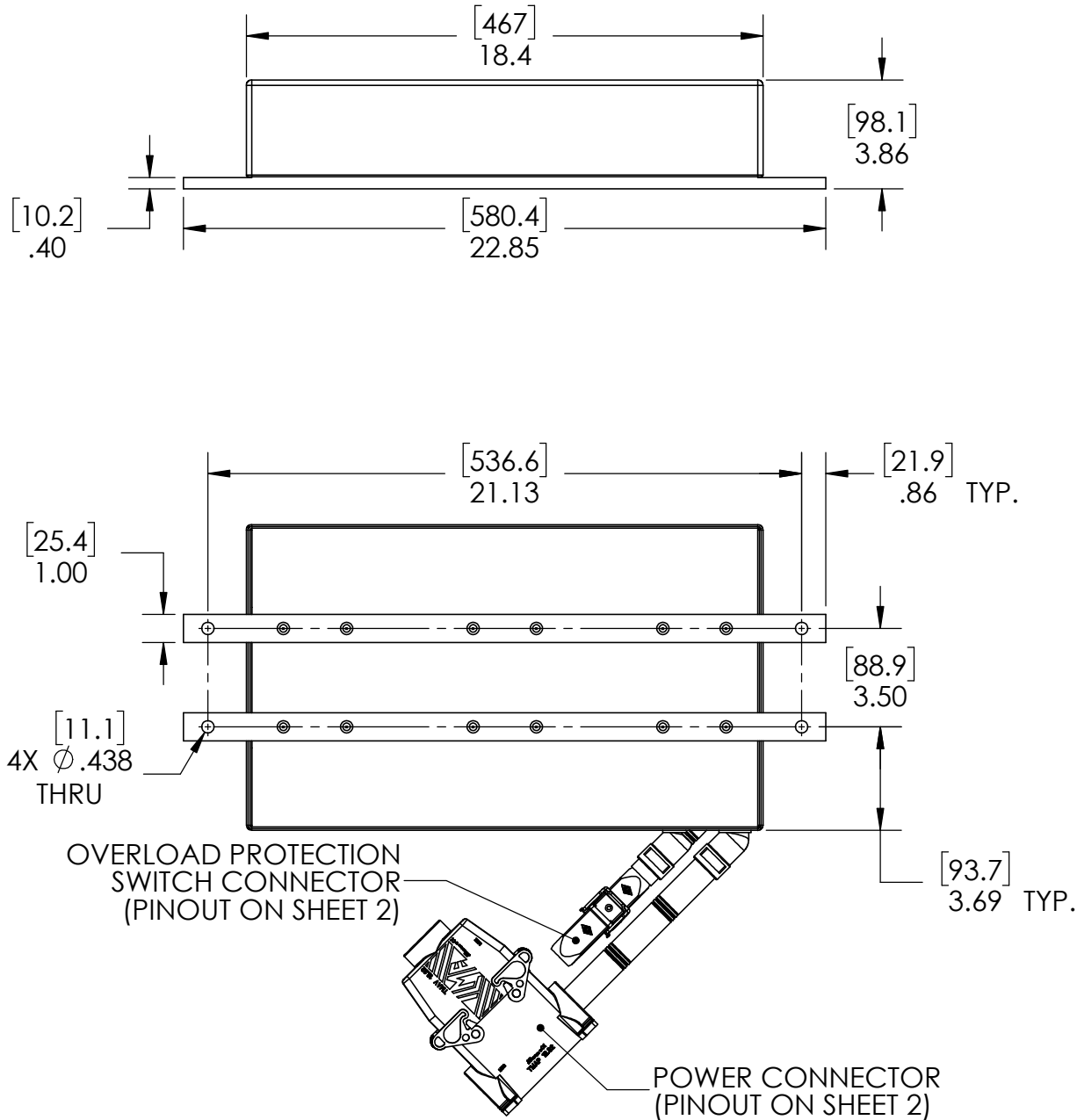
D

A

B

C

D



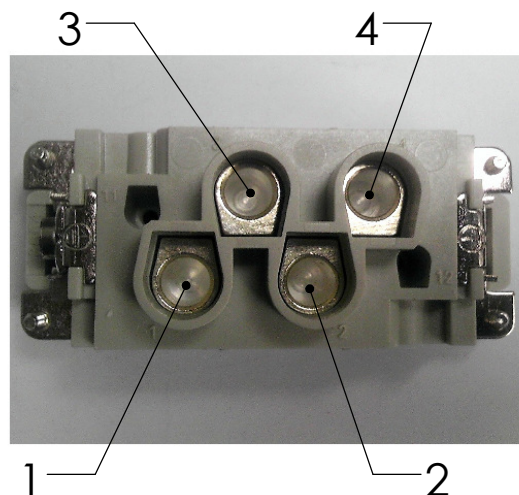
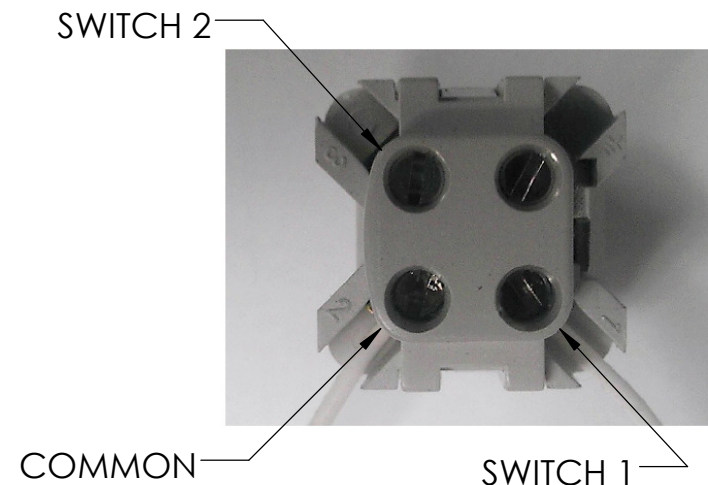
1

2

3

4

5

**SPECIFICATIONS:****Description:** 3 pole linear induction motor encapsulated in a stainless steel enclosure**Force:** 225 lbs @ 360 ips.**Requirements:** 3-Phase 400 VAC 100 A @ 75 Hz, 0.125" Aluminum, 0.25" Steel Minimum , 0.375" Minimum Air Gap.**Net Weight:** approximately 49 kg (107 lbs)**Insulation, windings:** Class H (180°C) Insulation, cables, resin: Class F (155°C)**Protection class:** IP67 Thermal switch type: single pole normally closed thermal switch, automatic reset**Thermal switch trip temp.:** 140°C**Thermal switch contact rating:** 1.6A 250v 0.6p.f. 50/60Hz**Cables:** Power leads are four 5 ft long #10 AWG conductors with 0.5" OD braided shielding and 5ft of 0.65" ID. Thermal leads are two 5ft long 22 AWG conductors in 5 ft of 0.65" ID PMA conduit.**POWER CONNECTOR****OVERLOAD PROTECTION SWITCH****PIN LAYOUT**

| PIN | FUNCTION | COLOR |
|-----|----------|-------|
| 1   | POWER    | BLK   |
| 2   | POWER    | RED   |
| 3   | POWER    | WHT   |
| 4   | POWER    | GRN   |

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UNLESS SPECIFIED OTHERWISE:  
All dimensions are in inches  
Standard Tolerances are as follows  
.XXX ±.005 ANGLES ±.1°  
.XX ±.010 FILLETS .010  
.X ±.020 CORNERS .010  
Remove All Burrs and Sharp Edges**FOR  
REFERENCE  
ONLY**

MATERIAL

FINISH

TITLE

Linear Induction Motor Model #:

**LMD-03-225-SSE**

DWG #

**60-0110**

REV

**L**

DATE

9-1-11

SHEET

2 of 2