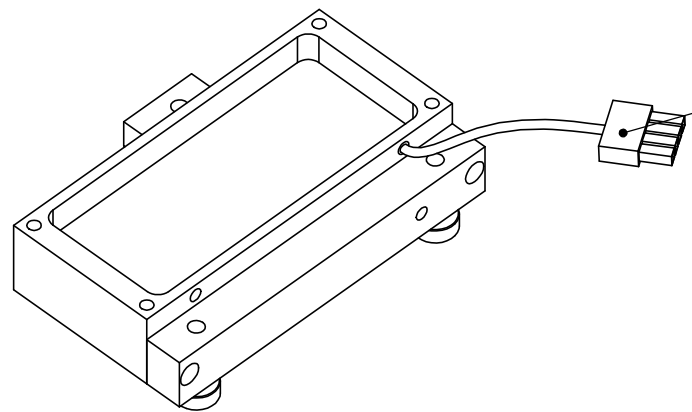
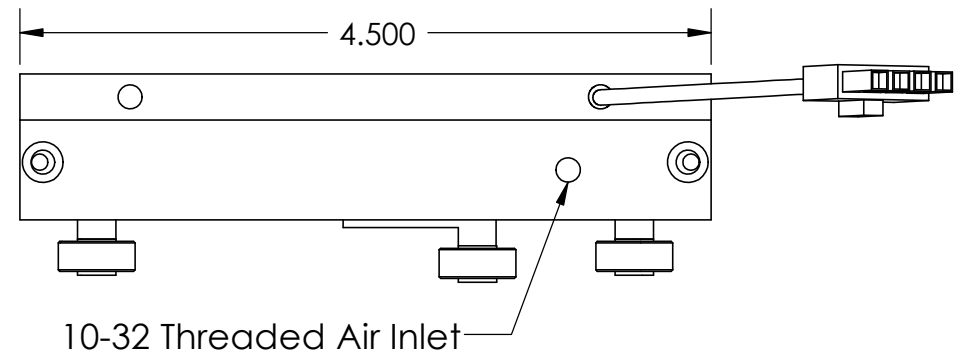
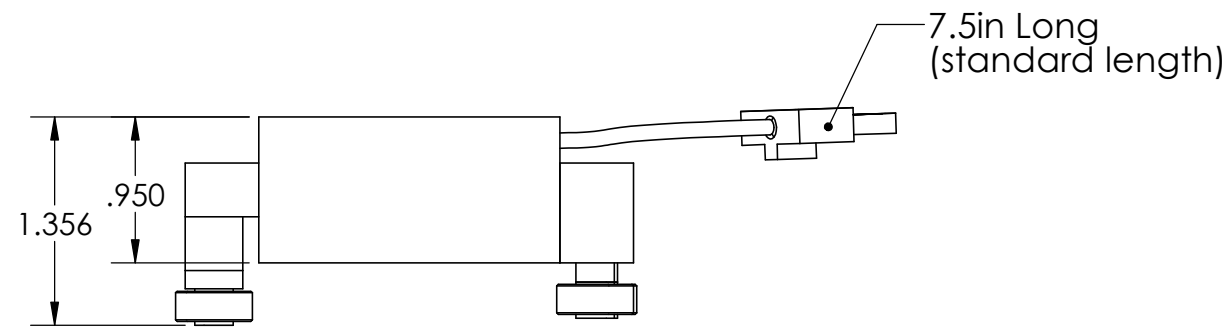
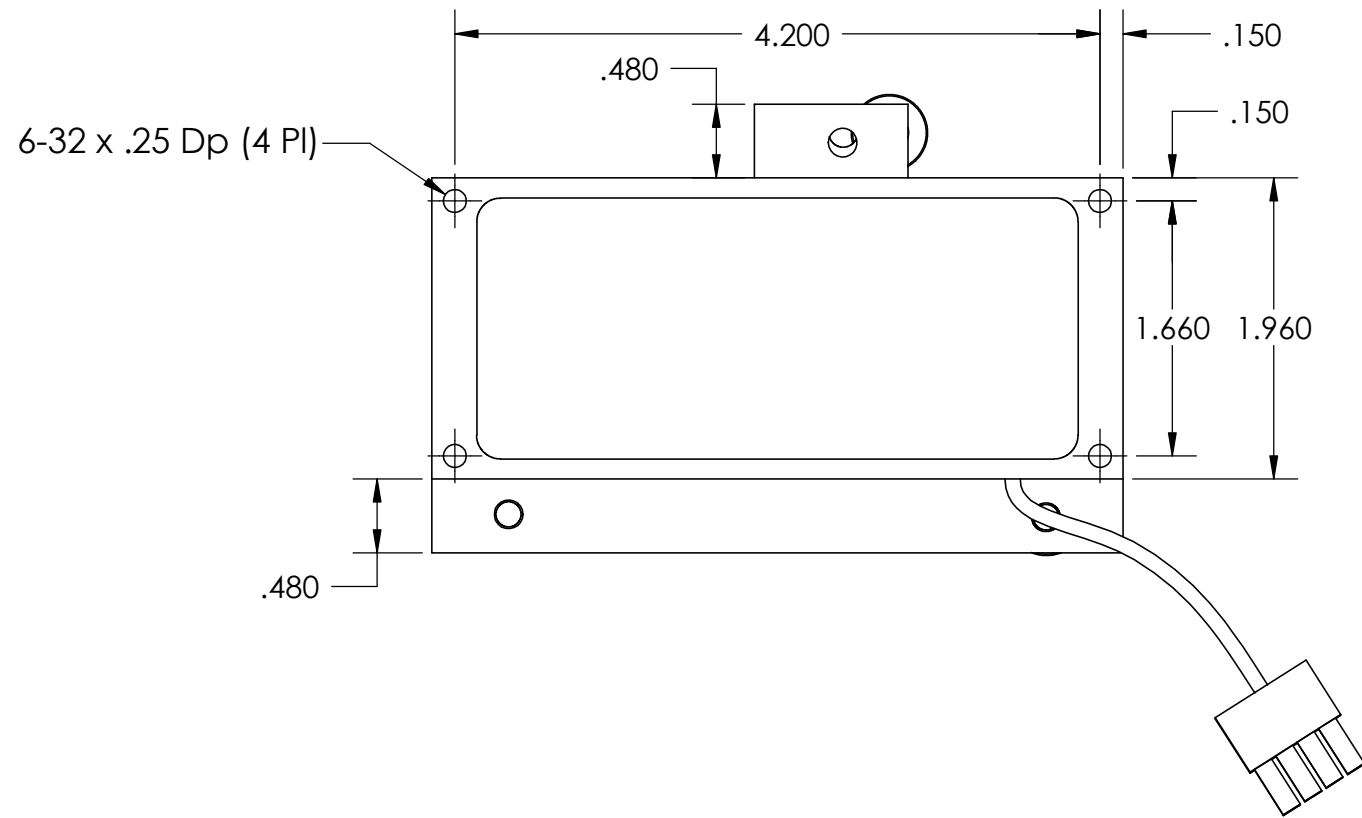


These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc.



Motor Power Connector  
P/N: Molex 39-01-4041

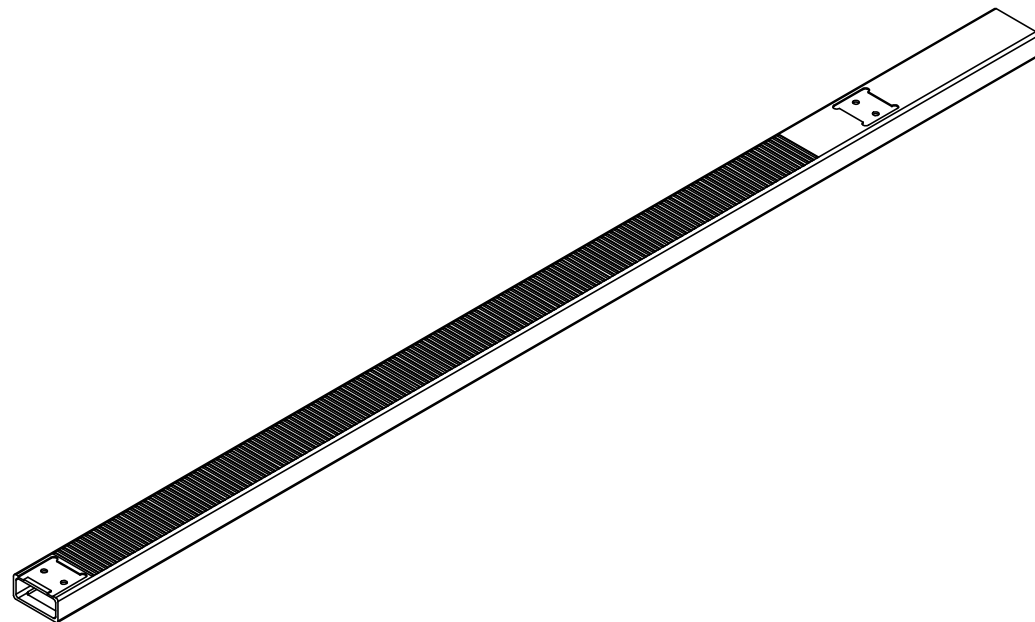
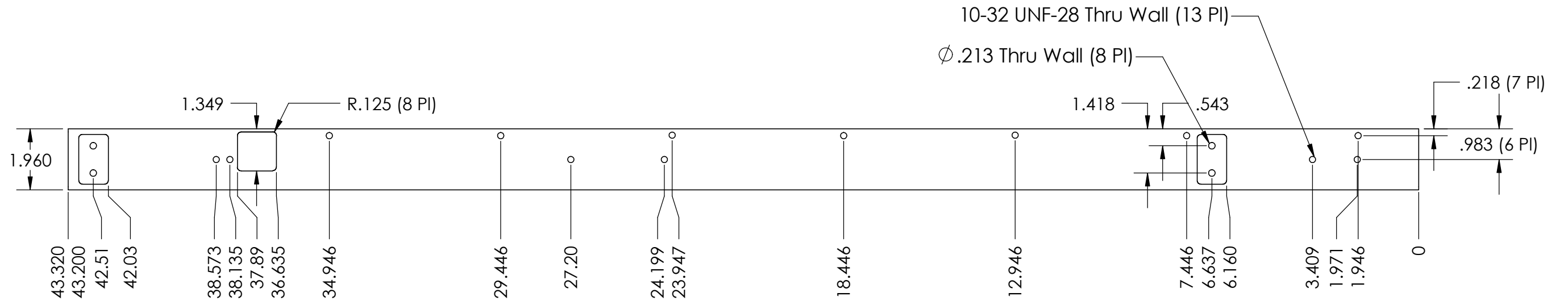
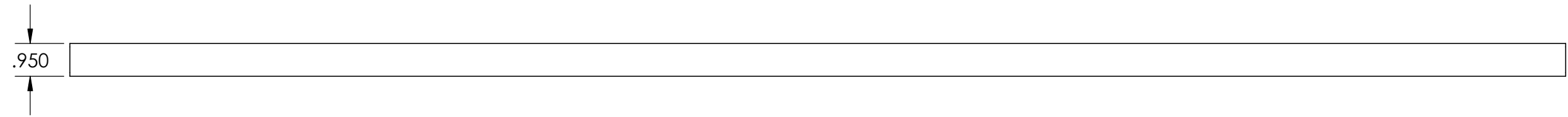
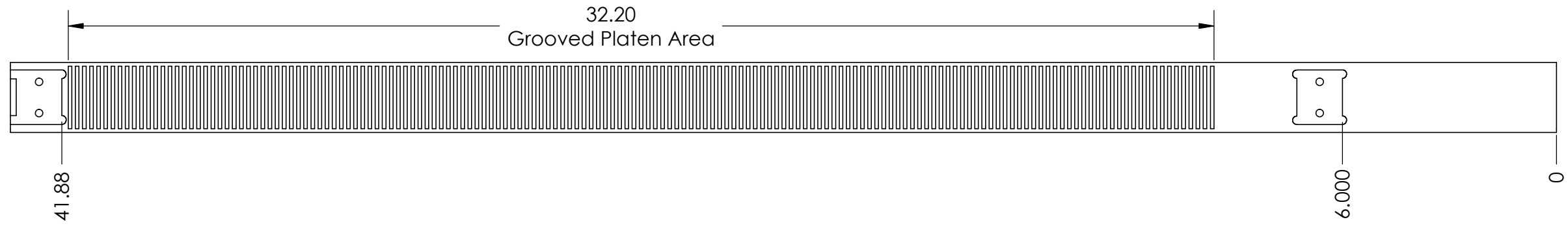
| Lead Color | Function |
|------------|----------|
| Red        | A+       |
| White      | A-       |
| Orange     | B+       |
| Green      | B-       |

Mates with Molex P/N: 39-01-4046

**Forcer Model # STS-1220-AP1**

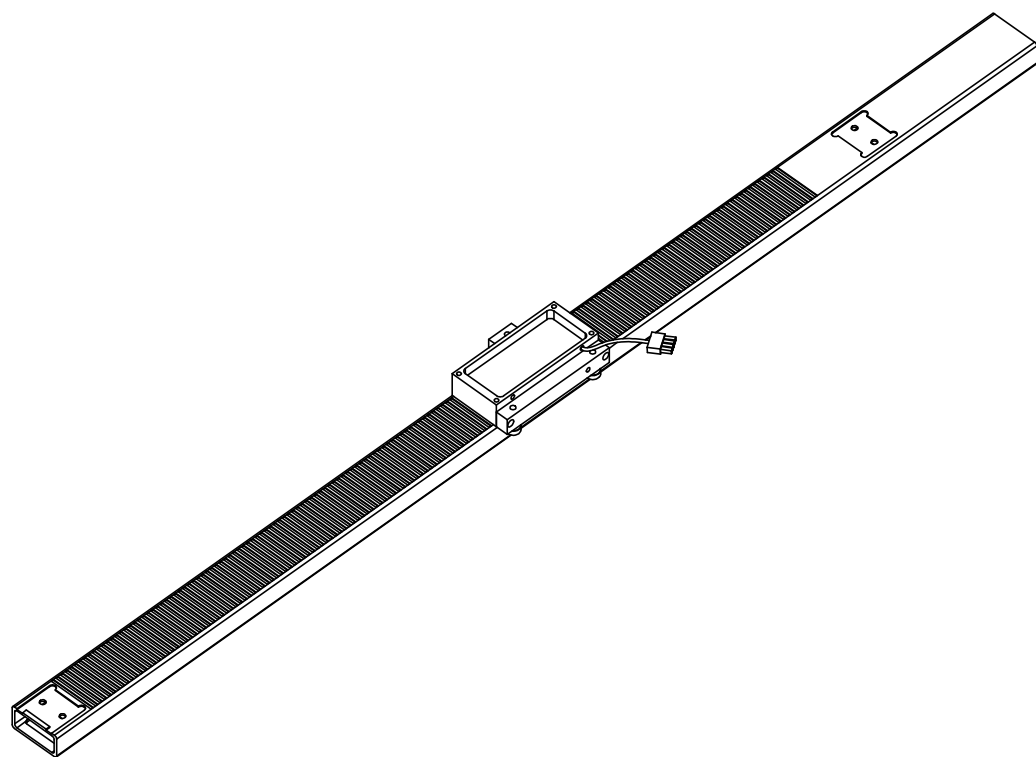
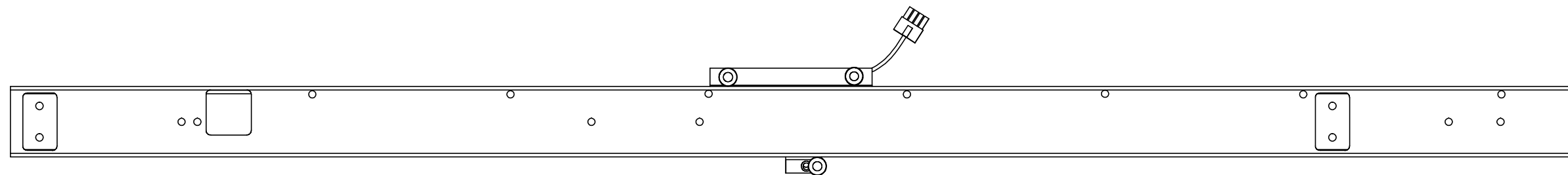
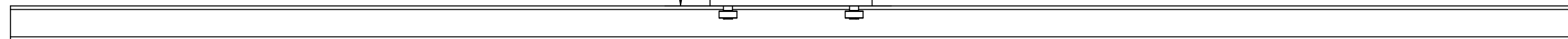
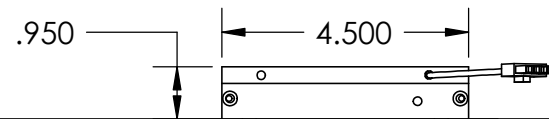
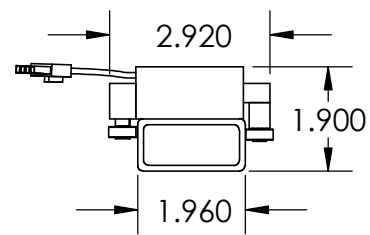
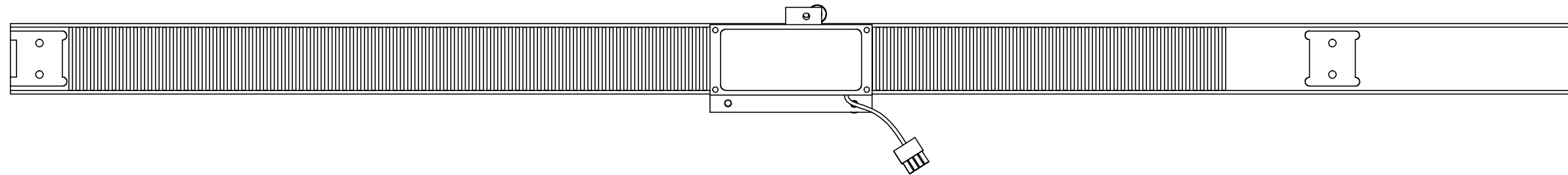
**H2W Technologies, Inc.**  
28310-C Ave Crocker Valencia, CA 91355 USA  
Tel: (661)-702-9346 Fax: (661)-702-9348  
www.h2wtech.com

|  |                |                 |                |                |     |                                  |        |
|--|----------------|-----------------|----------------|----------------|-----|----------------------------------|--------|
| UNLESS SPECIFIED OTHERWISE:<br>All dimensions are in inches<br>Standard Tolerances are as follows<br>.XXX ±.005 ANGLES ±1°<br>.XX ±.010 FILLETS AND<br>.X ±.020 CORNERS .010<br>Remove All Burrs and Sharp Edges |                |                 |                | MATERIAL       |     | TITLE                            |        |
|  |                |                 |                | FINISH         |     | <b>10lb Linear Stepper Motor</b> |        |
| DRAWN<br>OOG   | DATE<br>8-1-10 | APPROVED<br>FGW | DATE<br>8-1-10 | DWG #          | REV | SHEET                            | 1 of 4 |
|  |                |                 |                | <b>10-0465</b> | --- |                                  |        |



**Platen Model # P1295-2**

|                                  |            |        |
|----------------------------------|------------|--------|
| TITLE                            |            |        |
| <b>10lb Linear Stepper Motor</b> |            |        |
| DWG #                            | REV        | SHEET  |
| <b>10-0465</b>                   | <b>---</b> | 2 of 4 |



**Forcer Mounted on Platen**

|       |                                  |     |     |
|-------|----------------------------------|-----|-----|
| TITLE | <b>10lb Linear Stepper Motor</b> |     |     |
| DWG # | <b>10-0465</b>                   | REV | --- |
| SHEET | 3 of 4                           |     |     |

| <b>LINEAR STEPPER MOTOR SPECIFICATIONS</b> |              |           |
|--|--------------|-----------|
| Motor P/N                                  | STS-1220-AP1 |           |
| Continuous Force                           | 11.0 LBS     | 48.8 N    |
| Rated Current/Phase                        | 4.0 Amp      |           |
| Resistance/Phase @ 20C                     | 1.15 ohms    |           |
| Inductance/Phase @ 20C                     | 1.30 mH      |           |
| Motor Phases                               | 2            |           |
| Bearing Type                               | Air Bearing  |           |
| Nominal Air Pressure                       | 60 psi       |           |
| Motor Mass                                 | 14.8 oz      | 419 grams |