



| MODEL | LB | LD | LE |
|-----------|------------------|-----------------|-----------------|
| MPL-B4530 | 178,6 [7.03] | 152,9 [6.02] | 112,8 [4.44] |
| MPL-B4540 | 204 [8.03] | 178,3 [7.02] | 138,2 [5.44] |
| MPL-B4560 | 254,8 [10.03] | 229,1 [9.02] | 189 [7.44] |
| MPM-B1302 | 178,6 [7.03] | 152,9 [6.02] | 112,8 [4.44] |
| MPM-B1304 | 229,4 [9.03] | 203,7 [8.02] | 163,6 [6.44] |

| PIN-OUT | |
|-----------------|--------------|
| POWER CONNECTOR | PIN FUNCTION |
| A | U |
| B | V |
| C | W |
| ⊕ | GND |
| E-H | - |
| L | - |

| PIN-OUT | |
|-------------------|--------------|
| ENCODER CONNECTOR | PIN FUNCTION |
| 1 | SIN + |
| 2 | SIN - |
| 3 | CDS + |
| 4 | CDS - |
| 5 | DATA + |
| 6 | DATA - |
| 7-8 | - |
| 9-10 | - |
| 11 | EPWR 9V |
| 12 | ECOM |
| 13 | TS + |
| 14 | TS - |
| 15-17 | - |

| REFERENCES | | DESCRIPTION | CAD DOCUMENT |
|------------|--|---|--|
| VERSION | UNLESS OTHERWISE SPECIFIED | ESM,MPL-B45xxx-xx72AA;MPM-B130xx-xx72AA | Allen-Bradley |
| 02 | DO NOT SCALE DRAWING DIMENSIONS ARE IN MILLIMETERS WITH INCHES REFERENCED (X) UNTOLERANCED DIMENSIONS ARE REFERENCE 3RD ANGLE PROJECTION | | |
| | | Rockwell Automation | |
| | | DR. WKG DATE 2/7/08 | SHEET 1 OF 1 |
| | | DXF 2D DR STEP 3D FILE AVAILABLE | DWG. DOCUMENT NUMBER SIZE 10000014305 |

NOTE:
 1. DXF FILE OF THIS DRAWING MUST BE SCALED TO LENGTH, SEE CHART ABOVE. MODEL SHOWN IS MPL-B4540x-xx72AA.
 2. 3D STEP (.stp) FILES AVAILABLE AT ALL LENGTHS.
 3. THIS DRAWING COVERS SINGLE AND MULTI-TURN ABSOLUTE ENCODER MODELS (i.e., MPx-Bxxxx-Mx72Ax AND MPx-Bxxxx-Sx72Ax).