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| REVISION HISTORY | | | | | | |
|---|---|---|---|---|---|---|
| REV | ECN | DESCRIPTION | SIGN & DATE | | | |
| | | | BY | DATE | AP. | DATE |
| A | | Production release | JL | 7/28/17 | JL | 7/28/17 |
| | | | | | | |

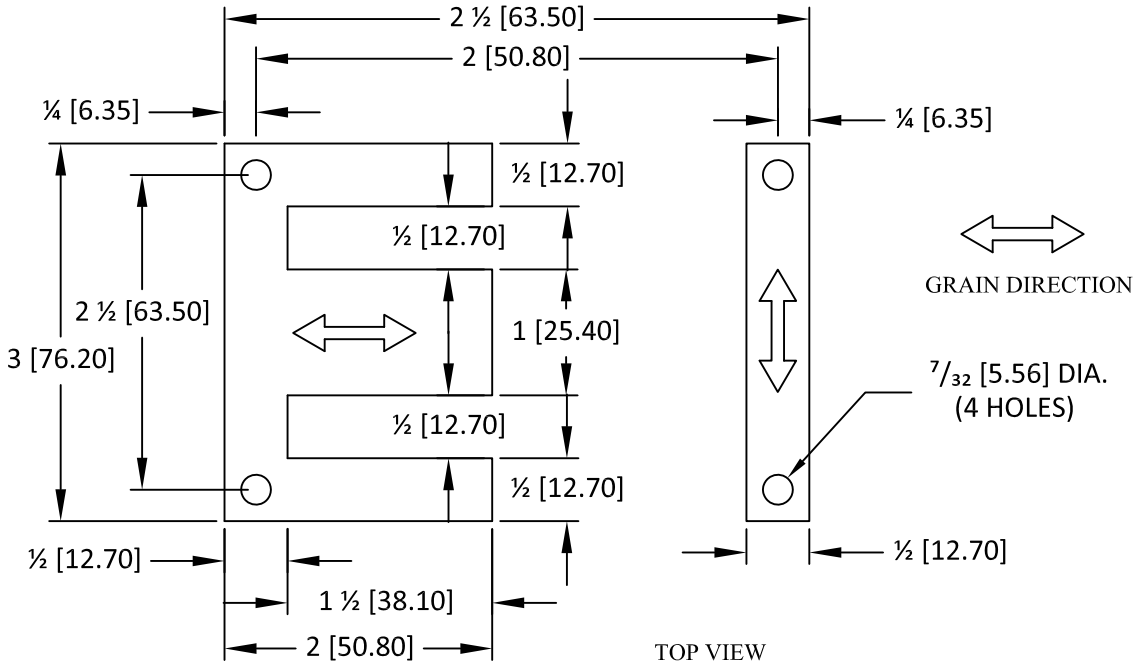
# EI-100

**Material** = M6, M19, M50

| Electrical Steel Specifications | | | | |
|---|---|---|---|---|
| Gage | Thickness | Approximate Sets Per Inch | Lbs. Per 1,000 Sets | Sets per Pound |
| 26 | 0.0185 | 54.05 | 29.609 | 33.77 |
| 29 | 0.014 | 71.43 | 22.132 | 45.18 |

| Technical Specifications | | |
|---|---|---|
| Window Area | 0.750 in² | 4.839 cm² |
| Magnetic Path Length | 6.000 in | 15.240 cm |
| Cross Section Area, Solid | 1.000 in² | 6.452 cm² |
| Volume Solid | 5.737 in³ | 94.011 cm³ |

| Dimensional Tolerances | | |
|---|---|---|
| | Inches | Milimeters |
| With Grain | ± 0.003 | ± 0.0762 |
| Cross Grain | ± 1/32 | ± 0.79375 |
| All Lengths | ± 0.005 | ± 0.127 |
| Center Leg Size | ± 0.003 | ± 0.0762 |
| Window Size | ± 0.003 | ± 0.0762 |
| Hole Locations | ± 0.003 | ± 0.0762 |




TOP VIEW

Part Numbering:
EI-100-GageMaterial
e.g. EI-100-29M6

| | CODE IDENT | MFG. P/N | DESCRIPTION | ITEM NO. |
|---|---|---|---|---|
| PARTS LIST | | | | |

| | | | |
|---|---|---|---|
| AUTOCAD | X | www.coilws.com www.cwsbytemark.com | CWSBYTEMARK 353 West Grove Ave. Orange, CA. 92865 |
| SOLIDWORKS | | | |
| SIGN | DATE | | |
| DRAWN JL | 7/28/17 | TITLE: EI-100 Lamination | |
| CHECKED JL | 7/28/17 | | |
| ENGR. JL | 7/28/17 | | |
| APPR. JL | 7/28/17 | | |
| SIZE B | DWG. NO. EI-100 | REV A | |
| SCALE N/A | SHEET 1 OF 1 | | |

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING



CAD–FILE: