

INFORMATION AND SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF MAYFIELD ROBOTICS, AND SHALL NOT BE REPRODUCED, COPIED OR USED IN WHOLE OR IN PART FOR ANY REASON WITHOUT WRITTEN PERMISSION OF MAYFIELD ROBOTICS.

| REVISION TABLE | | | |
|----------------|----------------------------------|----------|------------|
| REVISION | DESCRIPTION | DATE | APPROVED |
| B | RELEASE TO PRODUCTION | 07AUG17 | J UMHOEFER |
| C | UPDATED WIRE TWIST SPECIFICATION | 04SEPT17 | J UMHOEFER |
| C01 | UPDATE TWIST COUNT | 22NOV17 | J UMHOEFER |
| C02 | REPLACE P2 CONNECTOR | 4DEC17 | J UMHOEFER |

NOTES, UNLESS OTHERWISE SPECIFIED:

- INTERPRET DRAWING PER ASME Y14.41-2003.
- WIRE CONDUCTOR MATERIAL: COPPER
- 1

 LOCATION INDICATED IS CIRCUIT 1
- COMPONENTS AND MATERIALS MUST BE RoHS COMPLIANT AND TRACEABILITY OF SUCH MUST BE MADE AVAILABLE UPON REQUEST
- INDICATED WIRE STRIP LENGTHS ARE FOR REFERENCE ONLY. WIRE STRIP LENGTHS TO BE AS APPROPRIATE FOR INDICATED CONNECTORS
- WIRE LENGTHS IN BOM TABLE ARE FOR REFERENCE AND DO NOT INCLUDE ALLOWANCE FOR STRIPPED ENDS OR TWIST
- ENCODER SHOWN IS FOR REFERENCE AND IS NOT TO SCALE
- WIRING AND CONNECTORS MUST BE UL RECOGNIZED UNDER ECBT2. CONNECTORS MUST BE RATED V-2 OR BETTER UNDER UL-94

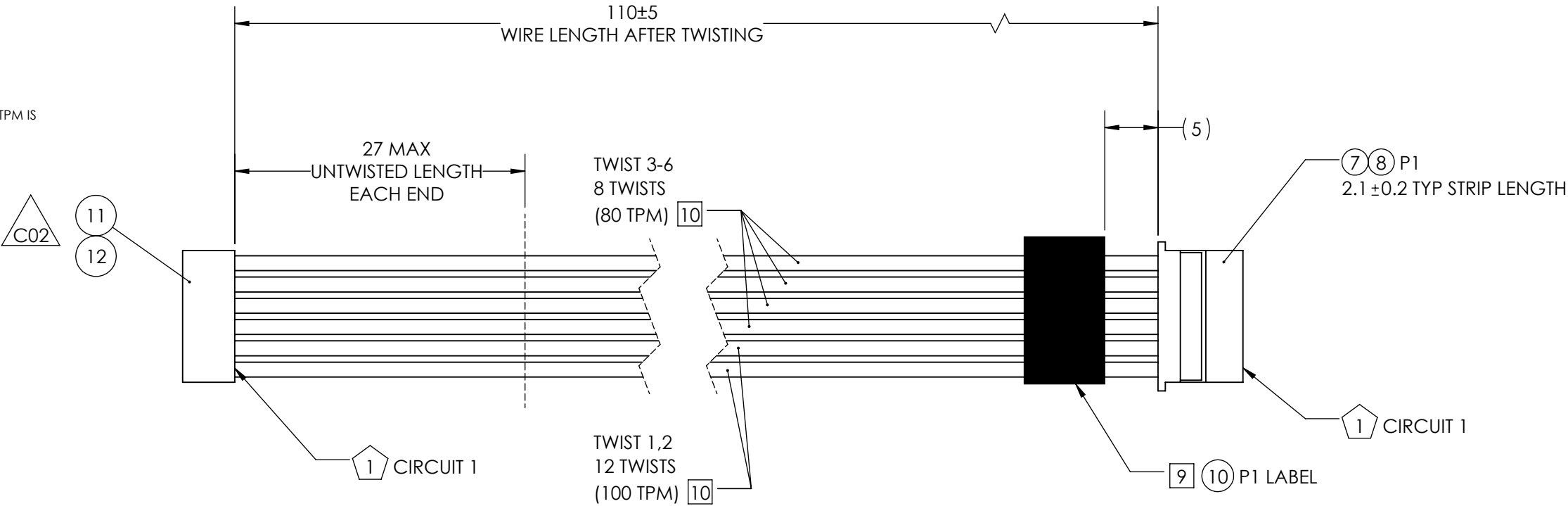
9

 PRINT LABEL AS INDICATED:

P1 LABEL TEXT:
WH-00082
REV. C02
J2
P1 LABEL COLOR: WHITE

10

 TOTAL TWISTS TOLERANCE IS +/-10% UNLESS OTHERWISE SPECIFIED. TPM IS TWISTS PER METER. TPM VALUES FOR REFERENCE ONLY.

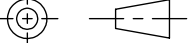


| ITEM NO. | P/N | DESCRIPTION | QTY | UOM |
|----------|----------|---|-----|------|
| 1 | OE-00258 | WIRE, 26AWG STRANDED COPPER, RED | AR | mm |
| 2 | OE-00257 | WIRE, 26AWG STRANDED COPPER, BLACK | AR | mm |
| 3 | OE-00266 | WIRE, 26AWG STRANDED COPPER, GREEN | AR | mm |
| 4 | OE-00264 | WIRE, 26AWG STRANDED COPPER, BLUE | AR | mm |
| 5 | OE-00260 | WIRE, 26AWG STRANDED COPPER, YELLOW | AR | mm |
| 6 | OE-00262 | WIRE, 26AWG STRANDED COPPER, WHITE | AR | mm |
| 7 | OE-00290 | CONNECTOR HOUSING, JST-PA 6POS | 1 | EACH |
| 8 | OE-00295 | CONN TERM PHD CRIMP 24-28AWG TIN (JST-PA) | 6 | EACH |
| 9 | -- | <<removed>> | - | EACH |
| 10 | CN-00025 | LABEL, HEAT SHRINK, WHITE | 1 | EACH |
| 11 | OE-00461 | CONN, JST-SJN, HOUSING, 6POS | 1 | EACH |
| 12 | OE-00462 | CONN, JST-SJN, TERM, SJN CRIMP 24-28AWG TIN | 6 | EACH |

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN
MILLIMETERS
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M TRAILING ZEROS DENOTE TOLERANCE

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION



TOLERANCES
X = ± 0.5
X.X = ± 0.25
X.XX = ± 0.13
ANGLES = ± 1°
UNLESS OTHERWISE SPECIFIED

APPROVED
E SATHER
11JUL17

DESIGNED BY



CABLE, MOTOR, PAN

DWG NUMBER WH-00082 REV C02
SIZE B SCALE 2:1 SHEET 1 of 1