

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	UPDATED TWIST COUNT	22NOV17	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
- WIRING AND CONNECTORS MUST BE UL RECOGNIZED UNDER ECBT2. CONNECTORS MUST BE RATED V-2 OR BETTER UNDER UL-94

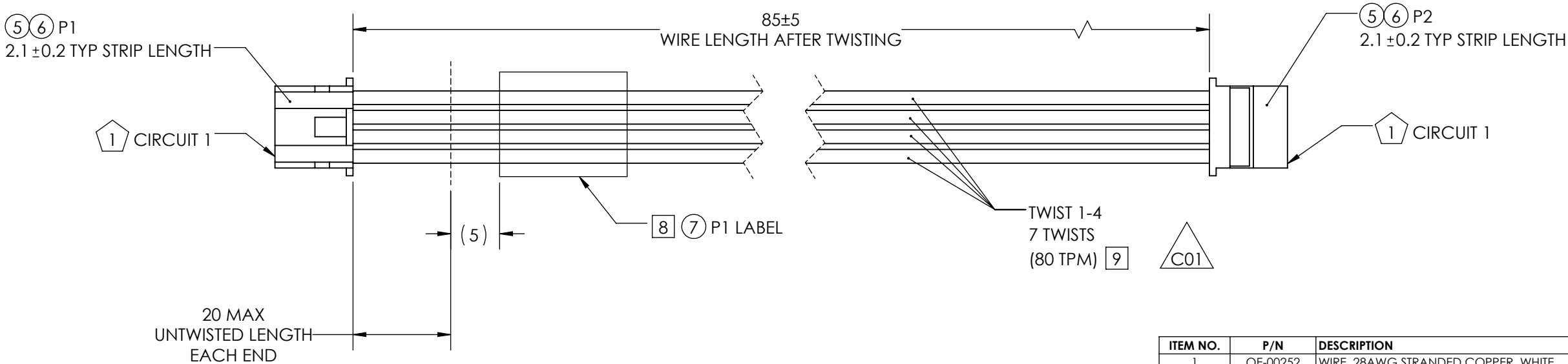
8

 PRINT LABEL AS INDICATED:

P1 LABEL TEXT:
WH-00092
REV. C01
J12
P1 LABEL COLOR: WHITE

9

 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-00252	WIRE, 28AWG STRANDED COPPER, WHITE	AR	mm
2	OE-00253	WIRE, 28AWG STRANDED COPPER, GRAY	AR	mm
3	OE-00254	WIRE, 28AWG STRANDED COPPER, BLUE	AR	mm
4	OE-00247	WIRE, 28AWG STRANDED COPPER, BLACK	AR	mm
5	OE-00288	CONNECTOR HOUSING, JST-PA 4POS	2	EACH
6	OE-00295	CONN TERM PHD CRIMP 24-28AWG TIN (JST-PA)	8	EACH
7	CN-00025	LABEL, HEAT SHRINK, WHITE	1	EACH

PIN ARRANGEMENT TABLE			
WIRE #	COLOR	P1 PIN #	P2 PIN #
1	WHITE	1	1
2	GRAY	2	2
3	BLUE	3	3
4	BLACK	4	4

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

DATE

DESIGNED BY

MAYFIELD ROBOTICS

400 CONVENTION WAY

REDWOOD CITY, CA 94063

CABLE, BUMP SENSORS

DWG NUMBER WH-00092

REV C01

SCALE 2:1

SHEET 1 of 1