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REVISION TABLE			
REVISION	DESCRIPTION	DATE	APPROVED
B	RELEASE TO PRODUCTION	07AUG17	J UMHOEFER
C	UPDATED WIRE TWIST SPECIFICATION	04SEPT17	J UMHOEFER
C01	CORRECTED LENGTH	17OCT17	J UMHOEFER
C02	UPDATE TWIST COUNT	21NOV17	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

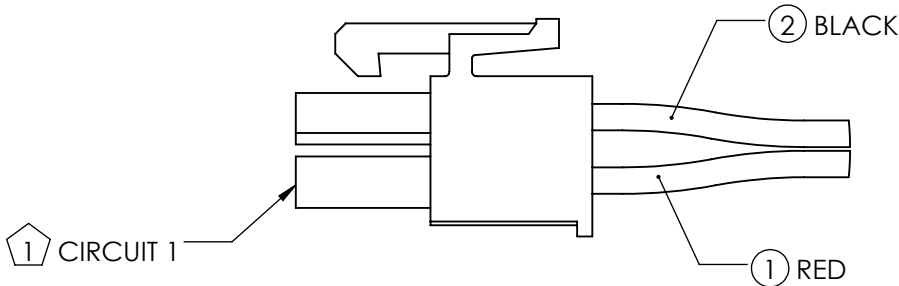
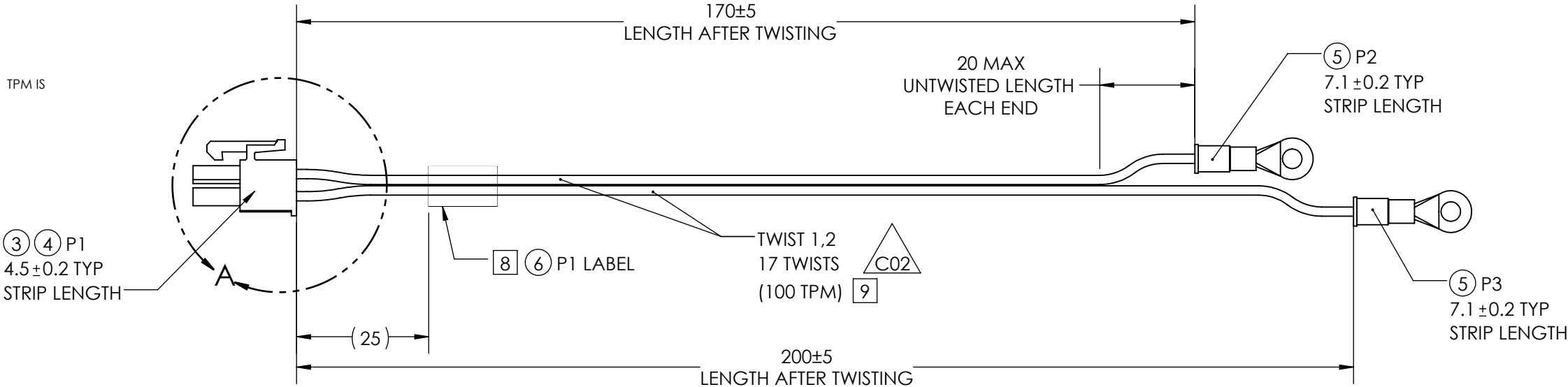
8

 PRINT LABEL AS INDICATED:

P1 LABEL TEXT:  
WH-00100  
REV. C02  
J20  
P1 LABEL COLOR: WHITE

9

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



DETAIL A  
SCALE 2:1

ITEM NO.	P/N	DESCRIPTION	QTY	UOM
1	OE-00278	WIRE, 22AWG STRANDED COPPER, RED	AR	mm
2	OE-00277	WIRE, 22AWG STRANDED COPPER, BLACK	AR	mm
3	OE-00300	CONNECTOR HOUSING, MOLEX MINI-FIT JR 2POS	1	EACH
4	OE-00303	CONN TERM FEMALE 18-24AWG TIN (MINI-FIT JR)	2	EACH
5	OE-00313	UNSHIELDED #6 STUD (M3.5) RING TERMINAL	2	EACH
6	CN-00025	LABEL, HEAT SHRINK, WHITE	1	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	DATE
E SATHER	11JUL17

**MAYFIELD**  
ROBOTICS

400 CONVENTION WAY  
REDWOOD CITY, CA 94063

**CABLE, CHARGE CONTACTS**

DWG NUMBER	WH-00100	REV	C02
SIZE	B	SCALE	1:1
SHEET	1	of 1	