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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	UPDATE TWIST COUNT	22NOV17	J UMHOEFER
C02	UPDATE TWIST TOLERANCE	29NOV17	J UMHOEFER

NOTES, UNLESS OTHERWISE SPECIFIED:

- INTERPRET DRAWING PER ASME Y14.41-2003.
- WIRE CONDUCTOR MATERIAL: COPPER
- WIRE INSULATION: PTFE
- WIRE STRANDING: 19/38
- 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

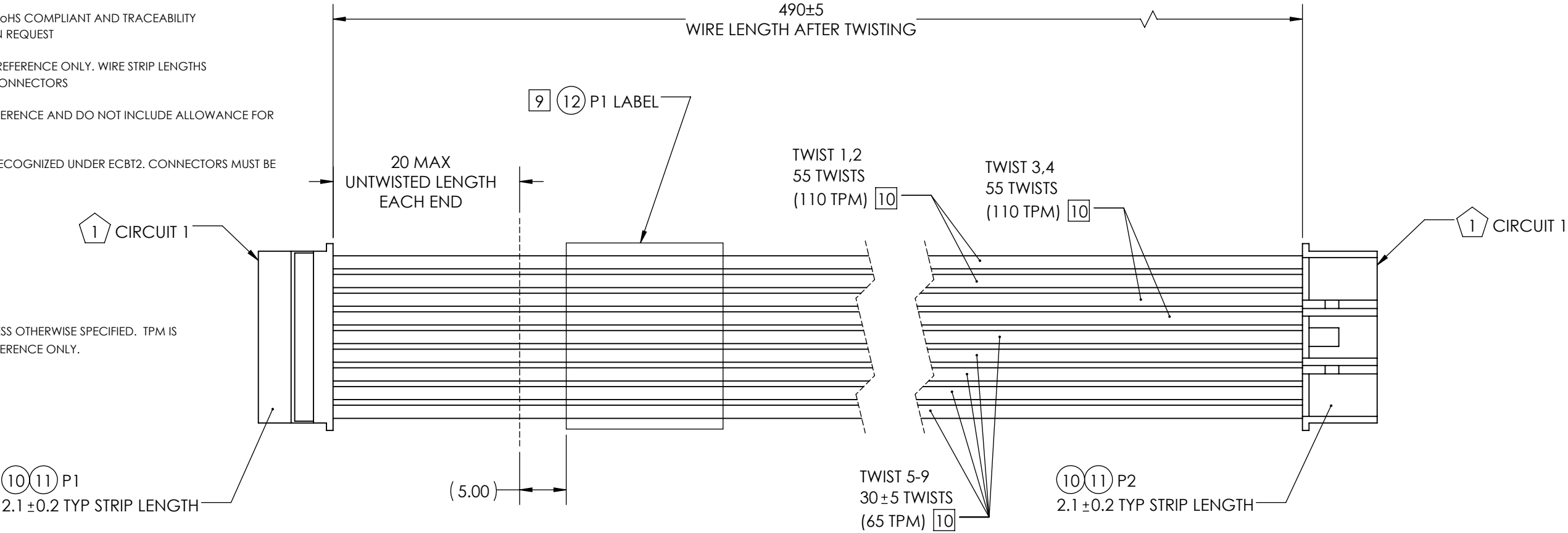
9

 PRINT LABEL AS INDICATED:

P1 LABEL TEXT:
WH-00083
REV. C02
J3
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-00268	WIRE, 26AWG 19/38 STRANDED COPPER, RED PTFE	AR	mm
2	OE-00267	WIRE, 26AWG 19/38 STRANDED COPPER, BLACK PTFE	AR	mm
3	OE-00270	WIRE, 26AWG 19/38 STRANDED COPPER, YELLOW PTFE	AR	mm
4	OE-00267	WIRE, 26AWG 19/38 STRANDED COPPER, BLACK PTFE	AR	mm
5	OE-00267	WIRE, 26AWG 19/38 STRANDED COPPER, BLACK PTFE	AR	mm
6	OE-00273	WIRE, 26AWG 19/38 STRANDED COPPER, GRAY PTFE	AR	mm
7	OE-00272	WIRE, 26AWG 19/38 STRANDED COPPER, WHITE PTFE	AR	mm
8	OE-00271	WIRE, 26AWG 19/38 STRANDED COPPER, VIOLET PTFE	AR	mm
9	OE-00274	WIRE, 26AWG 19/38 STRANDED COPPER, BLUE PTFE	AR	mm
10	OE-00293	CONNECTOR HOUSING, JST-PA 9POS	2	EACH
11	OE-00295	CONN TERM PHD CRIMP 24-28AWG TIN (JST-PA)	18	EACH
12	CN-00025	LABEL, HEAT SHRINK, WHITE	1	EACH

PIN ARRANGEMENT TABLE			
WIRE #	COLOR	P1 PIN #	P 2 PIN #
1	RED	1	1
2	BLACK	2	2
3	YELLOW	3	3
4	BLACK	4	4
5	BLACK	5	5
6	GRAY	6	6
7	WHITE	7	7
8	VIOLET	8	8
9	BLUE	9	9

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

DESIGNED BY	

MAYFIELD ROBOTICS

400 CONVENTION WAY
REDWOOD CITY, CA 94063

CABLE, HEAD POWER AND COMMS

DWG NUMBER	WH-00083	REV	C02
SIZE	B	SCALE	2:1
SHEET			1 of 1