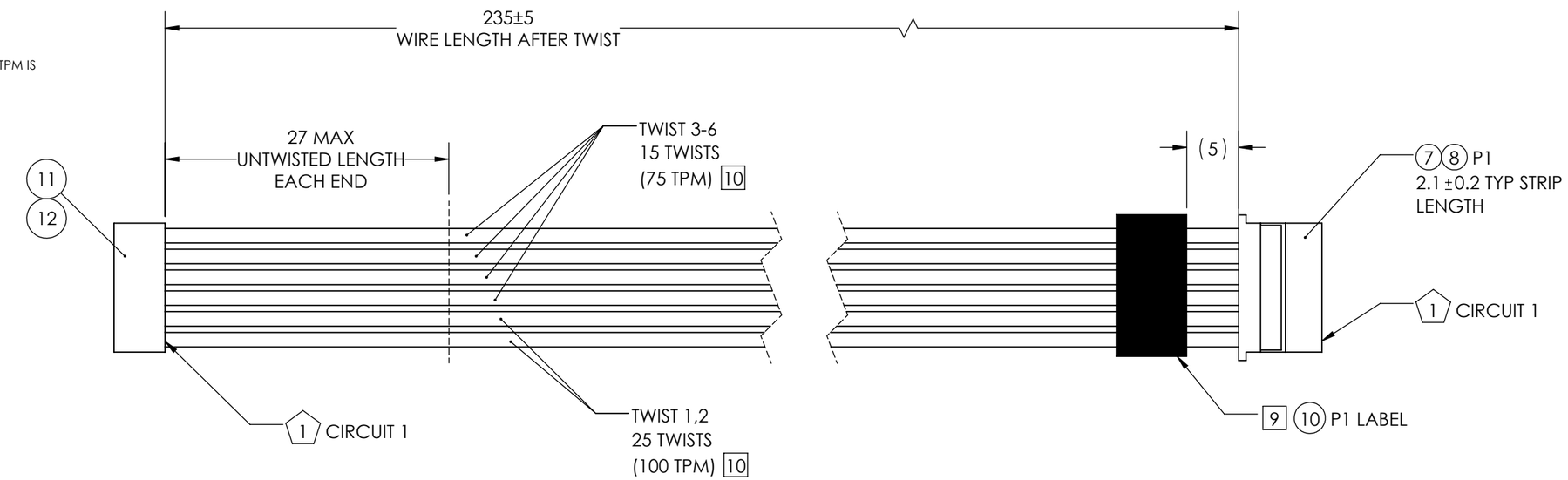
REVISION TABLE			
REVISION	DESCRIPTION	DATE	APPROVED
B	RELEASE TO PRODUCTION	07AUG17	J UMHOEFER
C	UPDATED WIRE TWIST SPECIFICATION	04SEPT17	J UMHOEFER
C01	UPDATE LENGTH PER DFM REVIEW	18SEPT17	
C02	UPDATE TWIST COUNT	22NOV17	J UMHOEFER
C03	REPLACE P2 CONNECTOR	4DEC17	J UMHOEFER

NOTES, UNLESS OTHERWISE SPECIFIED:

1. INTERPRET DRAWING PER ASME Y14.41-2003.
2. WIRE CONDUCTOR MATERIAL: COPPER
3. (1) LOCATION INDICATED IS CIRCUIT 1
4. COMPONENTS AND MATERIALS MUST BE RoHS COMPLIANT AND TRACEABILITY OF SUCH MUST BE MADE AVAILABLE UPON REQUEST
5. INDICATED WIRE STRIP LENGTHS ARE FOR REFERENCE ONLY. WIRE STRIP LENGTHS TO BE AS APPROPRIATE FOR INDICATED CONNECTORS
6. WIRE LENGTHS IN BOM TABLE ARE FOR REFERENCE AND DO NOT INCLUDE ALLOWANCE FOR STRIPPED ENDS OR TWIST
7. ENCODER SHOWN IS FOR REFERENCE AND IS NOT TO SCALE
8. 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-00018
   REV. C03
   J4
   P1 LABEL COLOR: BLUE
10. TOTAL TWISTS TOLERANCE IS +/-10% UNLESS OTHERWISE SPECIFIED. TPM IS TWISTS PER METER. TPM VALUES FOR REFERENCE ONLY.



PIN ARRANGEMENT TABLE			
WIRE #	COLOR	P1 PIN #	P2 PIN #
1	RED	1	1
2	BLACK	2	2
3	GREEN	3	3
4	BLUE	4	4
5	YELLOW	5	5
6	WHITE	6	6

C03

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-00027	LABEL, HEAT SHRINK, BLUE	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	DATE
DRAWN BY	E SATHER	11JUL17
DESIGNED BY		

MAYFIELD ROBOTICS
400 CONVENTION WAY
REDWOOD CITY, CA 94063

CABLE, MOTOR, TILT

DWG NUMBER **WH-00018** REV **C03**
SIZE **B** SCALE 2:1 SHEET 1 of 1