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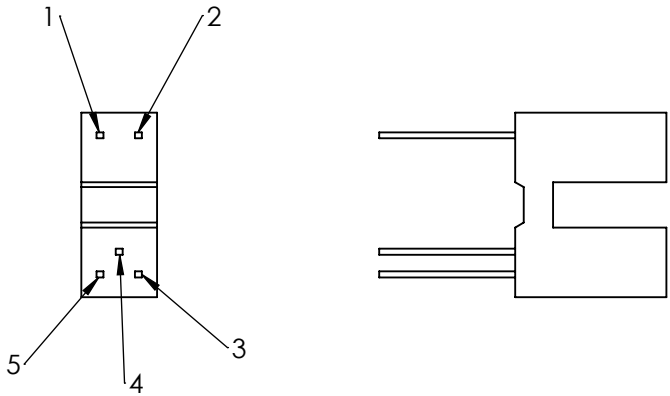
NOTES, UNLESS OTHERWISE SPECIFIED:

1. INTERPRET DRAWING PER ASME Y14.41-2003.
2. WIRE CONDUCTOR MATERIAL: COPPER
3.  INDICATES 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. CONNECTORS MUST BE UL RECOGNIZED UNDER ECBT2 AND RATED V-2 OR BETTER UNDER UL-94

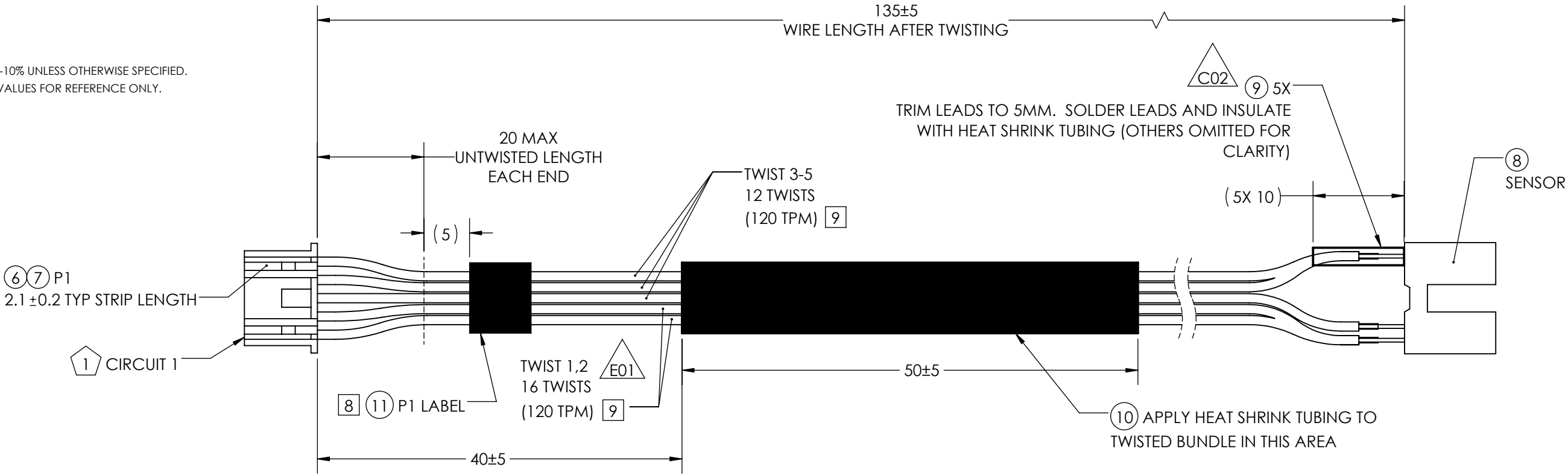
8. PRINT LABEL AS INDICATED:

P1 LABEL TEXT:
WH-00122
REV. E01
J1
P1 LABEL COLOR: WHITE

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



SHARP GP1A52HRJ00F PHOTOINTERRUPTER
PIN ARRANGEMENT

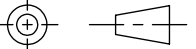


PIN ARRANGEMENT TABLE			
WIRE #	COLOR	P1 PIN #	SENSOR PIN #
1	BROWN	1	1
2	GREEN	2	2
3	WHITE	3	4
4	RED	4	3
5	BLACK	5	5

ITEM NO.	P/N	MFG	MFG P/N	DESCRIPTION	QTY	UOM
1	OE-00255			WIRE, 28AWG STRANDED COPPER, BROWN	AR	mm
2	OE-00256			WIRE, 28AWG STRANDED COPPER, GREEN	AR	mm
3	OE-00252			WIRE, 28AWG STRANDED COPPER, WHITE	AR	mm
4	OE-00248			WIRE, 28AWG STRANDED COPPER, RED	AR	mm
5	OE-00247			WIRE, 28AWG STRANDED COPPER, BLACK	AR	mm
6	OE-00289	JST	PAP-05V-S	CONNECTOR HOUSING, JST-PA 5POS	1	EACH
7	OE-00295	JST	SPHD-002T-P0.5	CONN TERM PHD CRIMP 24-28AWG TIN (JST-PA)	5	EACH
8	OE-00053	SHARP	GP1A52HRJ00F	OPTICAL SENSOR	1	EACH
9	CN-00030			HEAT SHRINK TUBING, 0.8MM RECOVERED ID	50	mm
10	CN-00031			HEAT SHRINK TUBING, 1.5MM RECOVERED ID	50	mm
11	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
DESIGNED BY

E SATHER
DATE

11JUL17



400 CONVENTION WAY
REDWOOD CITY, CA 94063

CABLE, PAN HOMING SENSOR

DWG NUMBER WH-00122 REV E01
SCALE 2:1 SHEET 1 of 1