

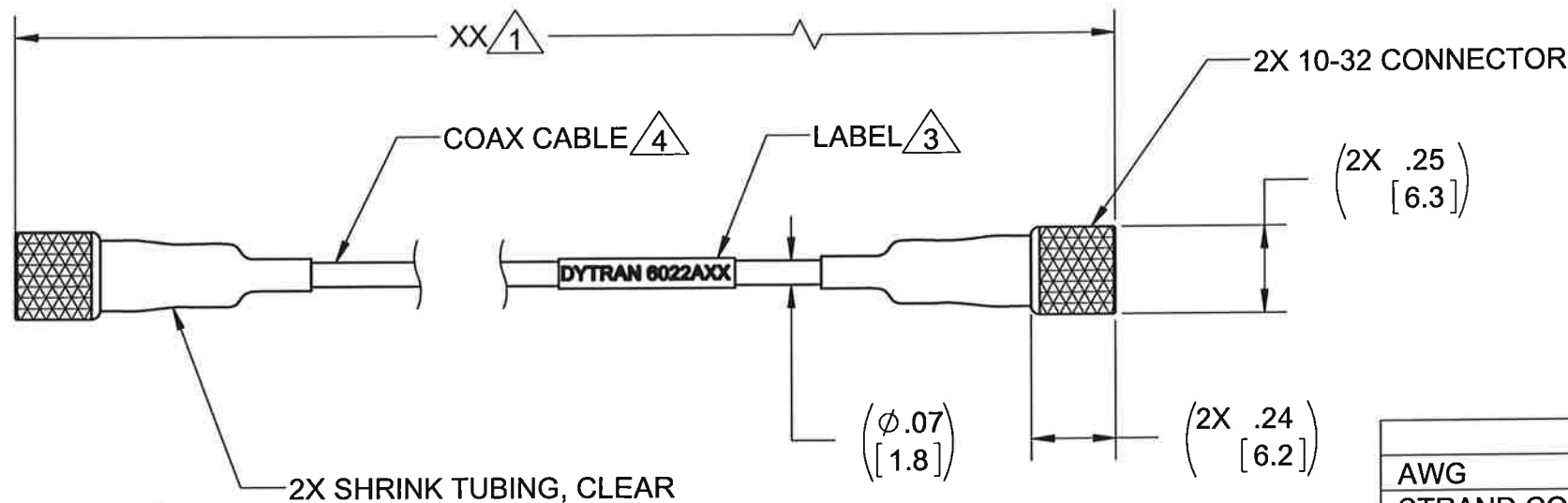
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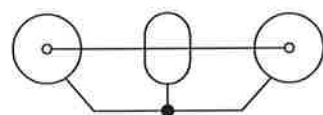
REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
D	11497	REVISED AND REDRAWN ON SOLIDWORKS	RA 11/17/14	MH	LW

1 CABLE LENGTH TOLERANCE	
≤1FT	+1/ -0 IN
>1 FT - 5 FT	+2/ -0 IN
> 5 FT - 10 FT	+4/ -0 IN
>10 FT - 25FT	+6 / -0 IN
>25 FT	+5% / -0%



4 SINGLE CONDUCTOR SHIELDED LOW NOISE CABLE	
AWG	30
STRAND CONSTRUCTION	40/46
TEMPERATURE	200 DEG C WIRE RATED
NOM DIAMETER	Ø.012
JACKET	WHT PTFE WRAP .005-.010 WALL
SHIELD	44 AWG, SILICONE RUBBER
NOMINAL O.D.	Ø.074
WITHSTANDING VOLTAGE	2000 VAC
CONDUCTOR INSULATION	EXTRUDED PTFE, NATURAL, Ø.033 ±.002
CAPACITANCE (SHIELD TO CONDUCTOR)	29 pF/FT
LOW NOISE WRAP #1 & #2	CARBON TAPE
IMPEDANCE	50+/-5 OHMS
INDUCTANCE	.07mH/ft NOM
RESISTANCE	.1138 MAX OHMS PER FOOT
MINIUM BEND RADIUS	1 IN
VOC	69% NOM



SCHEMATIC DIAGRAM

- 4 SEE TABLE FOR CABLE SPECIFICATIONS
 - 3 LABEL COVERED WITH CLEAR HEAT SHRINK
 - 2. TEMPERATURE RANGE: -67°F(-55°C) TO 311°F (155°C) MAX
 - 1 PART NUMBER 6022AXX (XX DENOTES LENGHT IN FEET)
- NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M - 1994. REMOVE BURRS. COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MINOR DIA. THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS. DIMENSIONS APPLY AFTER FINISHING.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS .XX ±.01 .XXX ±.005 ANGLES ±1°

APPROVALS		DATE
DRAWN	RA	7/19/02
DESIGN	NC	7/19/02
CHK	MH	12/21/06
APP	CES	12/21/06

ALL MACHINED SURFACES. TOTAL RUNOUT WITHIN .005. BREAK SHARP EDGES .005 TO .010. MACHINED FILLET RADII .005 TO .015. WELDING SYMBOLS PER AWS A2.4. ABBREVIATIONS PER MIL-STD-12.

MASTER ONLY IF IN RED
DYTRAN INSTRUMENTS, INC. Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION DRAWING, CABLE, 10-32 TO 10-32, MODEL 6022A**

SIZE B	CAGE CODE 2W033	DWG NO 127-6022A	REV D
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DO NOT SCALE DRAWING

SCALE: 1:2

SHEET 1 OF 1