

**PROPRIETARY AND CONFIDENTIAL**

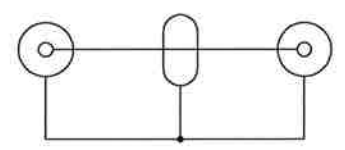
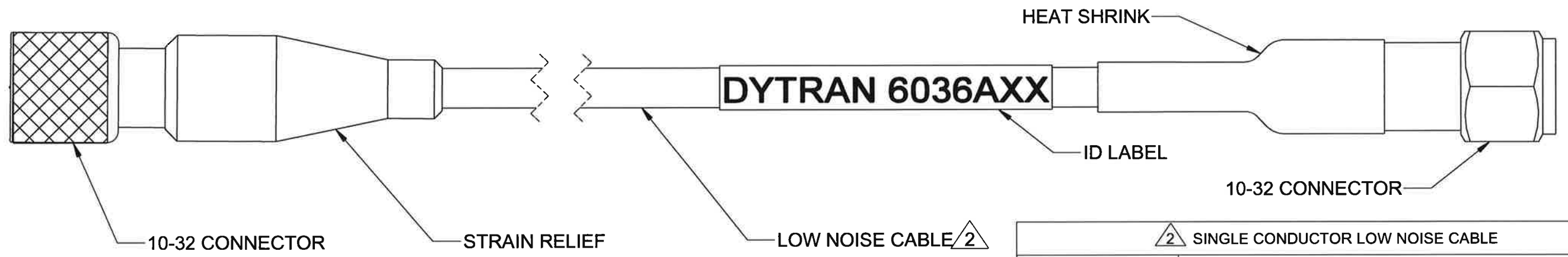
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DYTRAN INSTRUMENTS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DYTRAN INSTRUMENTS INC. IS PROHIBITED

**REVISIONS**

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
D	12254	ADDED RoHS COMPLIANT TO DRAWING TITLE, AND REDRAWN IN SOLIDWORKS	LA 10/26/15	JS	LN
E	12972	ADDED NOTE 3	LA 09/23/16	91	LN

**1 CABLE LENGTH TOLERANCE**

ENGLISH		[METRIC]	
≤1FT	+1/ -0 IN	≤0.3m	+25mm -0mm
>1 FT - 5 FT	+2/ -0 IN	.0.3 m-1.5m	+50mm -0mm
> 5 FT - 10 FT	+4/ -0 IN	>1.5m-3m	+100mm -0mm
>10 FT - 25FT	+6 / -0 IN	>3m-7.5m	+150mm -0mm
>25 FT	+5% / -0%	>7.5m	+5%/-0%



**SCHEMATIC DIAGRAM**

2 SINGLE CONDUCTOR LOW NOISE CABLE	
AWG	30-7/38 SILVER PLATE
TEMP	200 DEG C WIRE RATED
DIAMETER	Ø.073 NOM.
JACKET	RED PTFE WRAP .005-.010 WALL
VOLTAGE	600 VOLTS
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 85% MIN COVERAGE, Ø.050 NOM
CONDUCTOR INSULATION	EXTRUDED PTFE, CLEAR, Ø.032 NOM.
LOW NOISE WRAP #1 & #2	CARBON TAPE
MIN BEND RADIUS	1.00 INCH

- 3. OPERATING RANGE TEMPERATURE: -67°F (55°C) TO 392°F (200°C).
- 2 SEE CABLE TABLE FOR CABLE SPECIFICATIONS.
- 1 PART NUMBER 6036AXX, "XX" DENOTES CABLE LENGTH 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.

63/

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.

DECIMALS		METRIC		ANGLES	
.XX ±.03	.X ±0.8			±1°	
.XXX ±.010	.XX ±0.25				

APPROVALS	DATE
ORIG NC	03/01/97
CHK NC	03/01/97
APP CES	03/01/97

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION USA

**DYTRAN INSTRUMENTS, INC.** Chatsworth, CA

**MASTER COPY**

TITLE: **OUTLINE / INSTALLATION DRAWING, RoHS COMPLIANT, 6036A HYPERSHOCK CABLE, LOW NOISE 10-32 TO 10-32**

SIZE	CAGE CODE	DWG NO	REV
<b>B</b>	<b>2W033</b>	<b>127-6036A</b>	<b>E</b>

SCALE: 4:1    PART NO: 6036AXX    SHEET 1 OF 1