

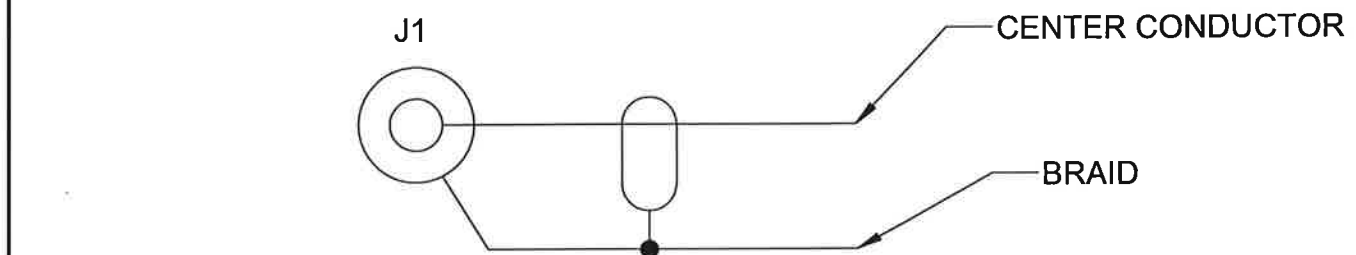
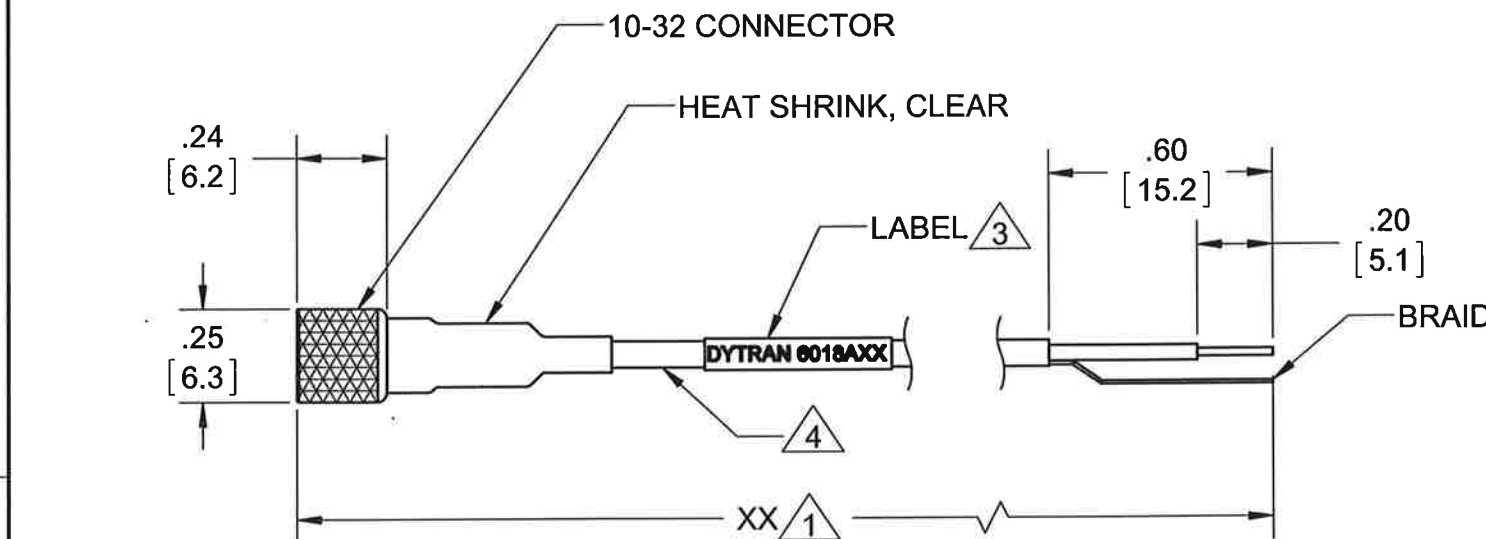
PROPRIETARY AND CONFIDENTIAL

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REVISIONS

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

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%



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 6018AXX (XX DENOTES LENGTH IN FEET)
- NOTES: UNLESS OTHERWISE SPECIFIED

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

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.

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.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES.
DIMENSIONS IN BRACKETS [] ARE IN
MILLIMETERS TOLERANCES ARE:

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

APPROVALS		DATE
ORIG	NC	07/18/02
CHK	MH	07/18/02
APP	CES	07/18/02

DO NOT SCALE DRAWING

DYTRAN

INSTRUMENTS, INC.

Chatsworth, CA

MASTER ONLY IF IN RED

TITLE: OUTLINE/INSTALLATION
DRAWING, CABLE, 10-32 TO
PIGTAIL, MODEL 6018A

SIZE B	CAGE CODE 2W033	DWG NO 127-6018A	REV C
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SCALE: 1:2

SHEET 1 OF 1