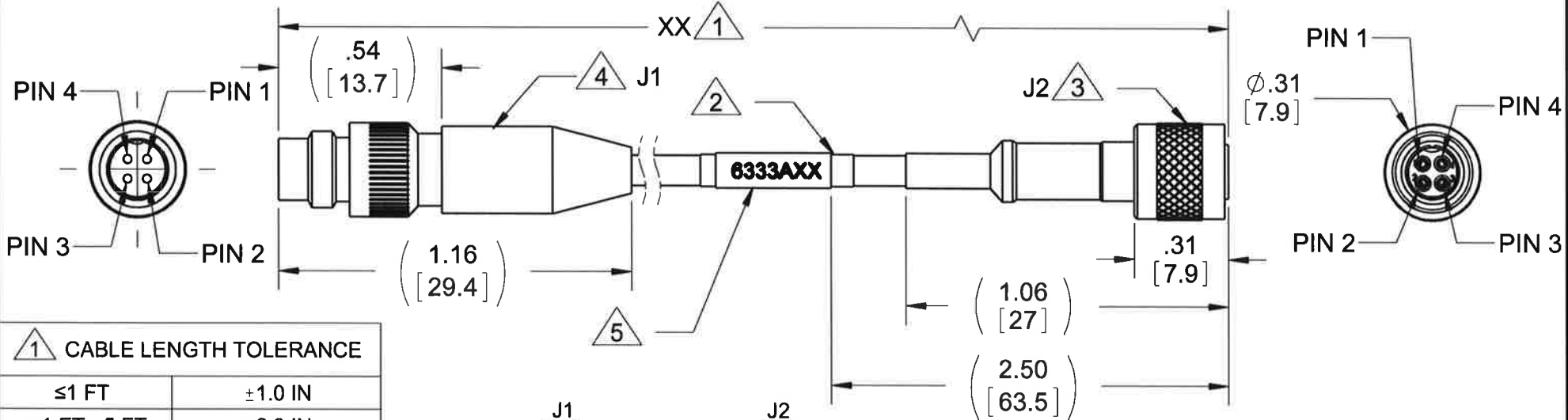


PROPRIETARY AND CONFIDENTIAL

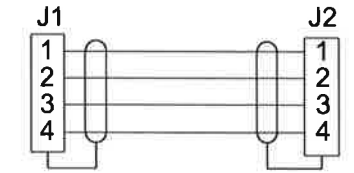
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REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
D	12126	DIMENSION (2.50 [63.5]) WAS(1.31 [33.2])	LA 08/11/15	9/1	W



1 CABLE LENGTH TOLERANCE	
≤1 FT	±1.0 IN
> 1 FT - 5 FT	±2.0 IN
>5 FT - 10FT	+6 / -0 IN
>25 FT	+5% / -0%



SCHMATIC DIAGRAM

- 5 CABLE IDENTIFICATION LABEL
- 4 CONNECTOR, RECEPTACLE, 4 PIN, 1/4-28 UNF-2A
- 3 CONNECTOR, PLUG, 4 PIN, 1/4-28 UNF-2B.
- 2 SEE TABLE FOR CABLE SPECIFICATIONS.
- 1 MODEL NUMBER 6333AXX, XX DENOTES LENGTH IN FEET.

NOTES: UNLESS OTHERWISE SPECIFIED

4 CONDUCTOR, CABLING PER M27500-1/2"	
CONDUCTORS	30 AWG 7/38 SILVER PLATED COPPER
SHIELD	SILVER PLATED COPPER BRAID, 90% MIN COVERAGE
JACKET	FEP, .006/.015 WALL, NOMINAL COLOR BLACK
PERFORMANCE	VOLTAGE RATING - 250 VOLTS TEMPERATURE RATING - 200 °C

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.
THDS PER MIL-S-7742.
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.

USED ON NEXT ASSY

APPLICATION

THIRD ANGLE PROJECTION USA

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

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

MATERIAL

FINISH

DO NOT SCALE DRAWING

CONTRACT NO.

APPROVALS		DATE
ORIG	JS	03/15/12
CHK	LN	03/23/12
APP	DV	03/26/12
APP	DV	04/06/15

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

TITLE:
OUTLINE INSTALLATION DRAWING, CABLE ASSY, MODEL 6333A

SIZE	CAGE CODE	DWG. NO.	REV
A	2W033	127-6333A	D

SCALE: NONE SOLIDWORKS SHEET 1 OF 1