

PROPRIETARY AND CONFIDENTIAL

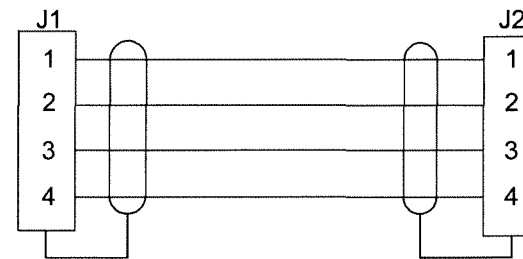
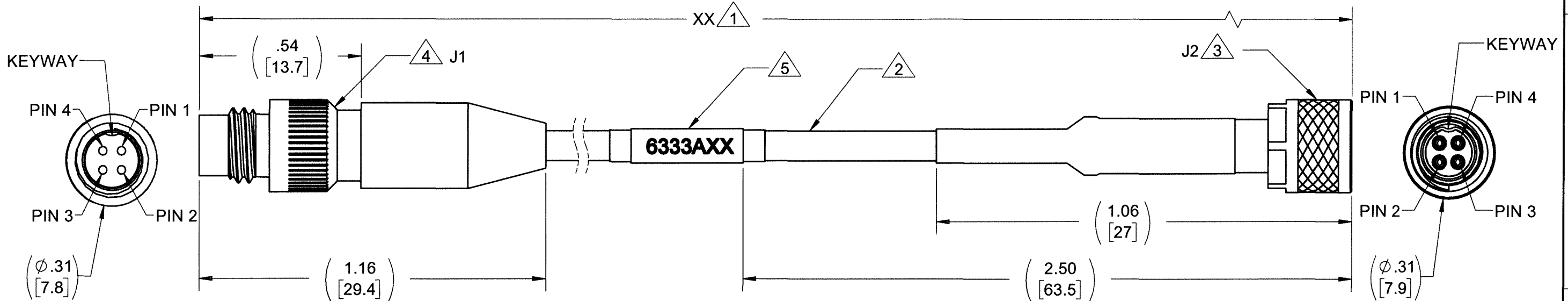
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1 CABLE LENGTH TOLERANCE

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

REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
D	12126	DIMENSION (2.50 [63.5]) WAS(1.31 [33.2])	LA 08/11/15	JS	LN
E	14560	REVISE CONNECTOR	DA,10/09/18	EP	LN
F	14808	SEE ECN	RA, 01/16/19	DP	LN



SCHMATIC DIAGRAM

2 4 CONDUCTOR, SHIELDED CABLE	
CONDUCTORS	30 AWG 7/38 SILVER PLATED COPPER
WIRE TYPE	PFA INSULATION OD .024" ±.002"
SHIELD	SILVER PLATED COPPER BRAID, 90% MIN COVERAGE
JACKET	FEP, BLACK, .006/.015 WALL
DIAMETER	.105 MAX
TEMP	-65 °C (-85 °F) TO +200 °C (+392 °F)
VOLTAGE	250 VOLTS

6. OPERATING TEMPERATURE: -40°C TO +176°C (-40°F TO +350°F)

5 CABLE IDENTIFICATION LABEL, POLYOLEFIN.

4 CONNECTOR, PLUG, 4 PIN, 1/4-28 UNF-2A.

3 CONNECTOR, RECEPTACLE, 4 PIN, 1/4-28 UNF-2B.

2 SEE TABLE FOR CABLE SPECIFICATIONS.

1 MODEL NUMBER 6333AXX, XX DENOTES LENGTH IN FEET, SEE TABLE FOR TOLERANCE.

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.

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	JS	03/15/12
CHK	LN	03/23/12
APP	DV	03/26/12

DO NOT SCALE DRAWING

DYTRAN INSTRUMENTS, INC. Chatsworth, CA

MASTER ONLY IF IN RED

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

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-6333A	F

SCALE: 3:1 SOLIDWORKS SHEET 1 OF 1