

PROPRIETARY AND CONFIDENTIAL

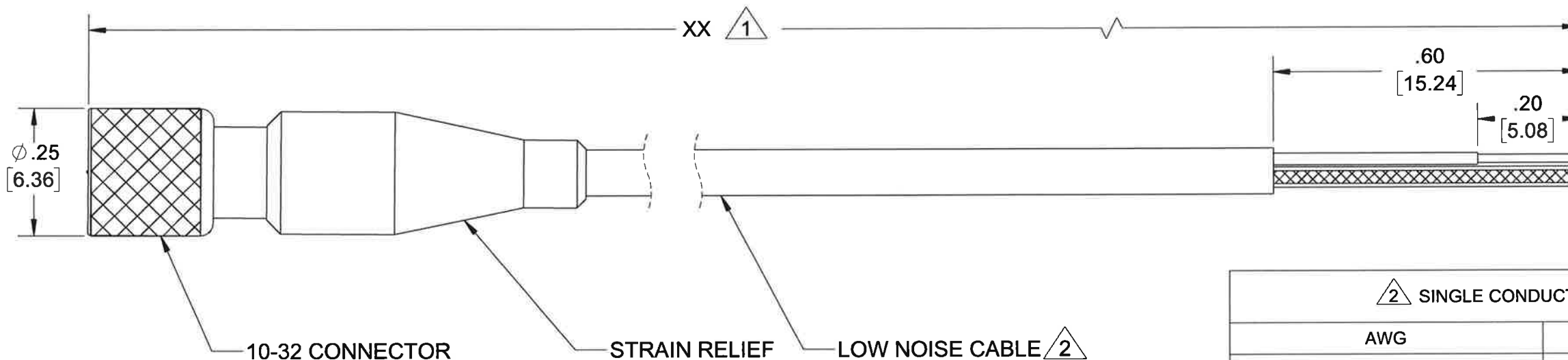
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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	12254	ADDED RoHS COMPLIANT TO DRAWING TITLE, REDRAWN IN SOLIDWORKS	LA 10/26/15	JS	LN
C	12979	DRAWING TITLE, IS:...PIGTAIL... WAS: ...CUT OFF...	LA 09/28/16	JS	LN
D	13717	RELOCATED OVERALL XX DIMENSION	RA, 09/11/17	MH	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 SHIELDED CABLE	
AWG	30-7/38 SILVER PLATED COPPER
TEMP	200 DEG C WIRE RATED
DIAMETER	$\phi .074 \pm .006$
WITHSTANDING VOLTAGE	2000 VAC
JACKET	WHT PTFE WRAP .005-.010 WALL
CONDUCTOR INSULATION	EXTRUDED PTFE, NATURAL, $\phi .033 \pm .002$
CAPACITANCE (SHIELD TO CONDUCTOR)	32 pF/FT
IMPEDANCE	50 OHMS
INDUCTANCE	.80 microH/FT
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 95% MIN COVERAGE, $\phi .054$ NOM
MINIMUM BEND RADIUS	.38 IN

- 2 SEE CABLE TABLE FOR CABLE SPECIFICATION.
- 1 PART NUMBER 6033AXX, "XX" DENOTES CABLE LENGTH IN FEET. TOLERANCE PER DMP-03.

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. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS TOLERANCES ARE:

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

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.

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION USA

DYTRAN INSTRUMENTS, INC. Chatsworth, CA

TITLE: OUTLINE / INSTALLATION DRAWING, CABLE 10-32 TO PIGTAIL, RoHS COMPLIANT, MODEL 6033A

APPROVALS	DATE
ORIG RA	07/31/02
CHK NC	07/31/02
APP CES	07/31/02

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-6033A	D

SCALE: 4:1 PART NO: 6033AXX SHEET 1 OF 1