

PROPRIETARY AND CONFIDENTIAL

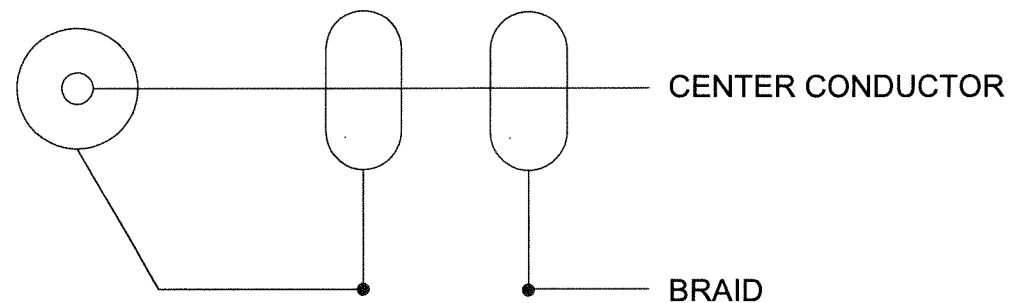
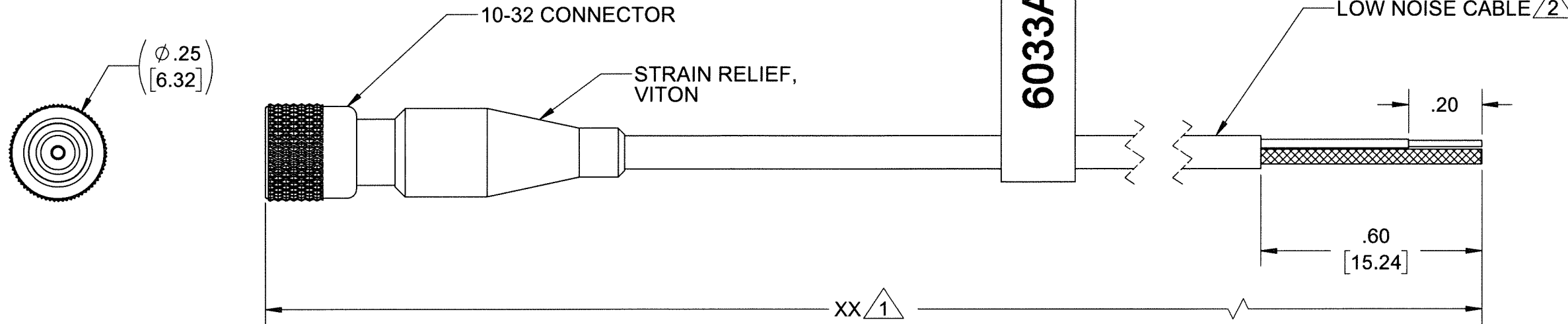
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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
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
E	14252	SEE ECN	DP 06/01/18	KG	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	Ø.074±.006
WITHSTANDING VOLTAGE	2000 VAC
JACKET	WHT PTFE WRAP .005-.010 WALL
CONDUCTOR INSULATION CAPACITANCE (SHIELD TO CONDUCTOR)	EXTRUDED PTFE, NATURAL, Ø.033 ±.002
IMPEDANCE	32 pF/FT
INDUCTANCE	50 OHMS
SHIELD	.80 microH/FT
MINIMUM BEND RADIUS	38 AWG SILVER PLATED COPPER BRAID, 95% MIN COVERAGE, Ø.054 NOM
	.38 IN

- 3 OPERATING TEMPERATURE: -26°C TO +200°C
- 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

ALL MACHINED SURFACES. ⁶³
 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	RA	07/31/02
CHK	NC	07/31/02
APP	CES	07/31/02

DO NOT SCALE DRAWING



TITLE: OUTLINE / INSTALLATION DRAWING, CABLE 10-32 TO PIGTAIL, RoHS COMPLIANT, MODEL 6033A			
SIZE B	CAGE CODE 2W033	DWG NO 127-6033A	REV E
SCALE: 3:1	PART NO: 6033AXX	SHEET 1 OF 1	