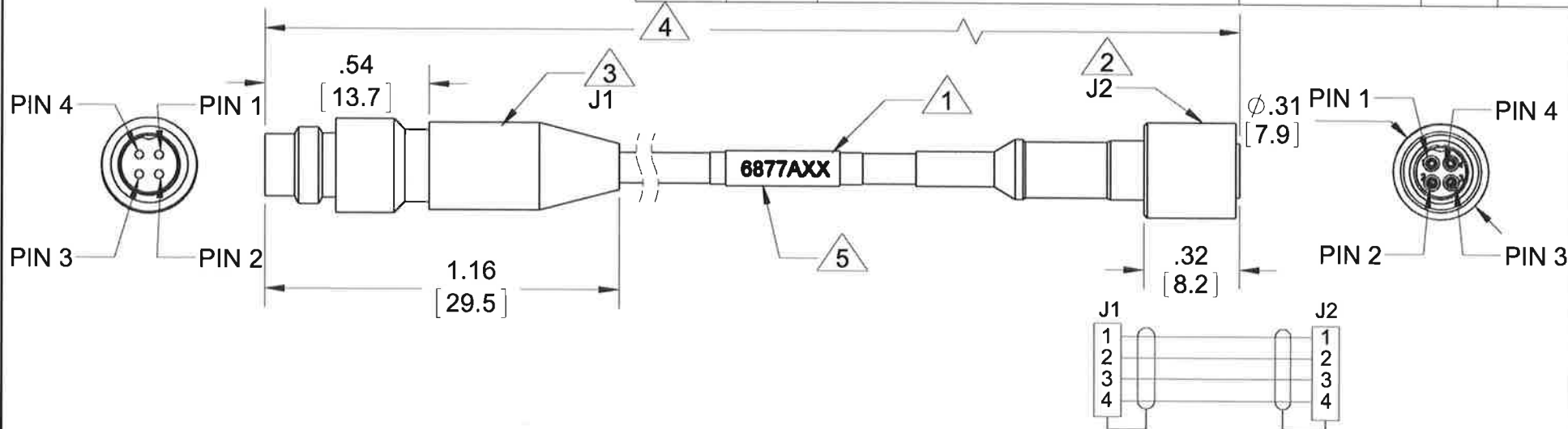


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REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	8507	REVISED CONNECTOR NOTE 2 WAS:120-0010-01...	JS 04/05/12	LN	EP
C	9713	UPDATED VIEW OF J1 CONNECTOR	AB 03/11/13	<i>JS</i>	<i>AS</i>



SCHEMATIC DIAGRAM

- 5 CABLE MODEL NUMBER
- 4 LAST TWO DIGITS OF MODEL NUMBER SHOWS CABLE LENGTH IN FEET.
EXAMPLE: 6877A10 IS 10 FEET LONG CABLE
- 3 MICROTECH DR-4S-3 CONNECTOR, RECEPTACLE, 4 PIN, 1/4-28 UNF-2A
- 2 DYTRAN 120-0292-01 CONNECTOR, PLUG, 4 PIN, 1/4-28 UNF-2B
- 1 SEE TABLE FOR CABLE SPECIFICATIONS

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.	
APPLICATION THIRD ANGLE PROJECTION USA	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	ANGLES
.XX ± .010	± 1°
.XXX ± .005	
MATERIAL	
FINISH	
DO NOT SCALE DRAWING	

CONTRACT NO.



MASTER
ONLY IF IN RED

TITLE: **OUTLINE/INSTALLATION
DRAWING, 6877A SERIES**

SIZE A	CAGE CODE 2W033	DWG. NO. 127-6877A	REV C
SCALE: 1:1		SOLIDWORKS	SHEET 1 OF 1