

PROPRIETARY AND CONFIDENTIAL

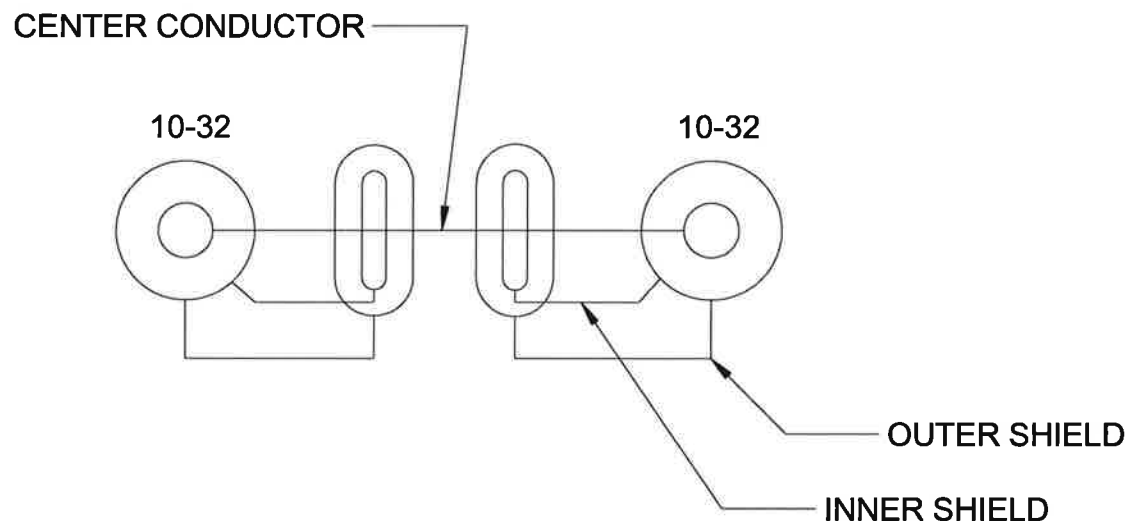
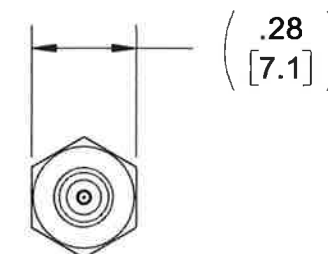
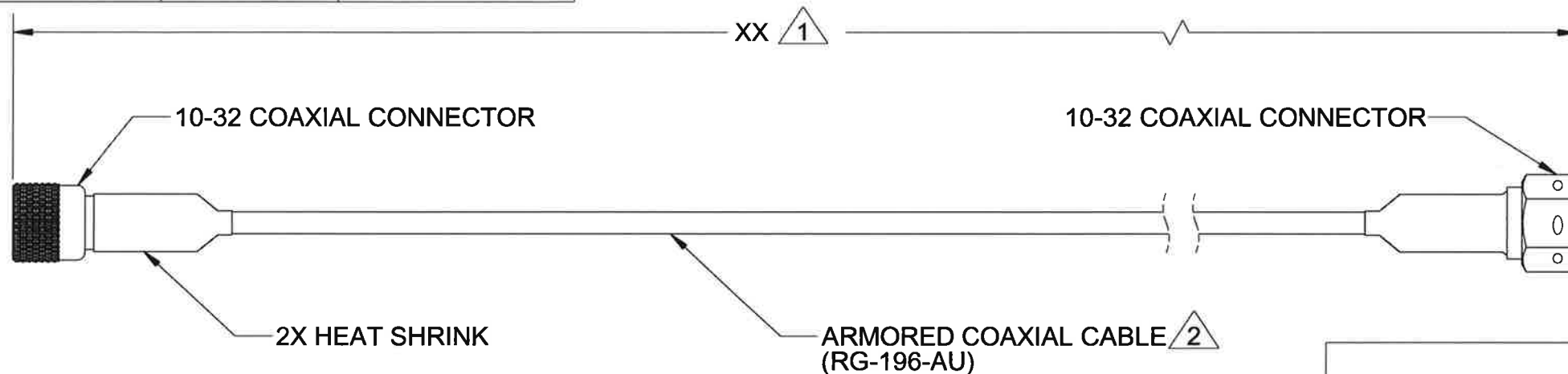
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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	12786	REDRAWN ON SOLIDWORKS	LA 07/14/16	EP	AS
C	13119	REVISED SCHEMATIC TO INDICATE SHIELDING COMMON TO BOTH CONNECTOR HOUSINGS	LA 11/18/16	EP	AS

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%



2 RG-196-AU COAX CABLE	
AWG	30-7/38 SILVER PLATED COPPER
CONDUCTOR INSULATION	EXTRUDED PTFE, CLEAR, Ø.032 NOM.
LOW NOISE WRAP #1 & #2	CARBON TAPE
SHIELD	38 AWG STAINLESS STEEL BRAID, 90% COVERAGE
JACKET	RED PTFE WRAP .005-.010 WALL
DIAMETER	Ø.073
OUTER SHIELD	36 AWG STAINLESS STEEL BRAID 90% COVERAGE
OUTER JACKET	EXTRUDED CLEAR FEP (WALL THICKNESS TO MEED O.D.)
OUTER DIAMETER	Ø.120/.125
TEMP	200 DEG C WIRE RATED
VOLTAGE	600V

SCHEMATIC

- 2 SEE CABLE SPECIFICATION TABLE.
 - 1 PART NUMBER: 6097AXX (XX DENOTES LENGTH IN FEET).
- 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.

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

APPROVALS		DATE
ORIG	AB	04/15/13
CHK	RA	04/16/13
APP	DV	04/22/13

DO NOT SCALE DRAWING

DYTRAN MASTER INSTRUMENTS, INC. CHATSWORTH, CA

TITLE: **OUTLINE/INSTALLATION DRAWING, CABLE ASSY, 10-32 TO 10-32, MODEL 6097A**

SIZE B	CAGE CODE 2W033	DWG NO 127-6097A	REV C
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SCALE: 2:1 SHEET 1 OF 1