

PROPRIETARY AND CONFIDENTIAL

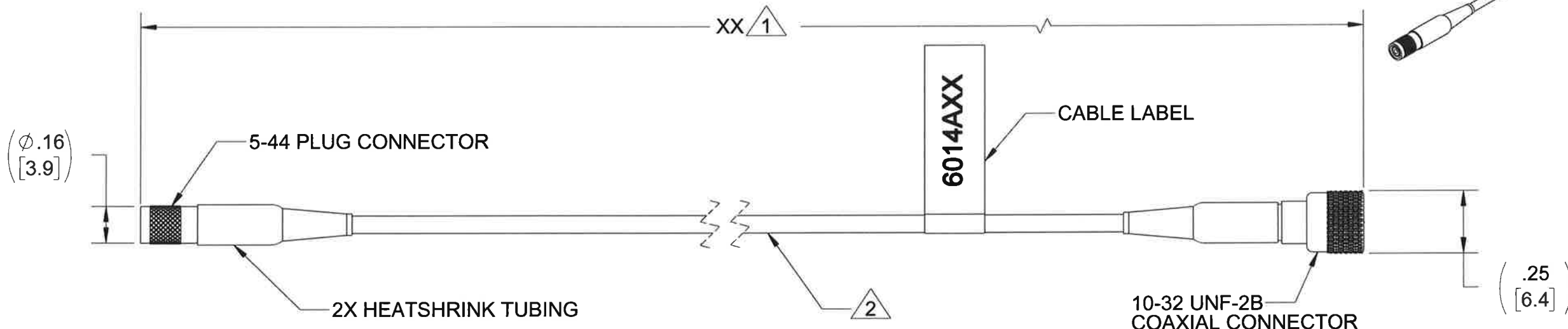
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DYTRAN INSTRUMENTS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DYTRAN INSTRUMENTS INC. IS PROHIBITED

REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
C	12750	REDRAWN IN SOLIDWORKS	JS 07/12/16	LA	LW

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 FLEXIBLE MICRO MINIATURE SINGLE CONDUCTOR CABLE	
CENTER CONDUCTOR	30 AWG
SHIELD	TINNED COPPER BRAIDED SHIELD 44 AWG
JACKET	GRAY PVC .01 THICK
NOMINAL O.D.	Ø.050 NOM.
TEMPERATURE RATING	105° C MAX (221° F)

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	

APPROVALS: ORIG NC 07/18/02, CHK RA 04/15/13, APP DV 07/18/02

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.

THIRD ANGLE PROJECTION USA

DO NOT SCALE DRAWING

MASTER INSTRUMENTS, INC. CHATSWORTH, CA ONLY IF IN RED

TITLE: OUTLINE/INSTALLATION DRAWING, CABLE ASSEMBLY, 10-32 TO 5-44, MODEL 6014A

SIZE B, CAGE CODE 2W033, DWG NO 127-6014A, REV C

SCALE: 1:1, SHEET 1 OF 1

- 3. TEMPERATURE RANGE:-55° C (-67° F) TO 105° C MAX (221° F).
  - 2 SEE TABLE FOR CABLE SPECIFICATIONS.
  - 1 PART NUMBER 6014AXX (XX DENOTES LENGTH IN FEET).
- NOTES: UNLESS OTHERWISE SPECIFIED