

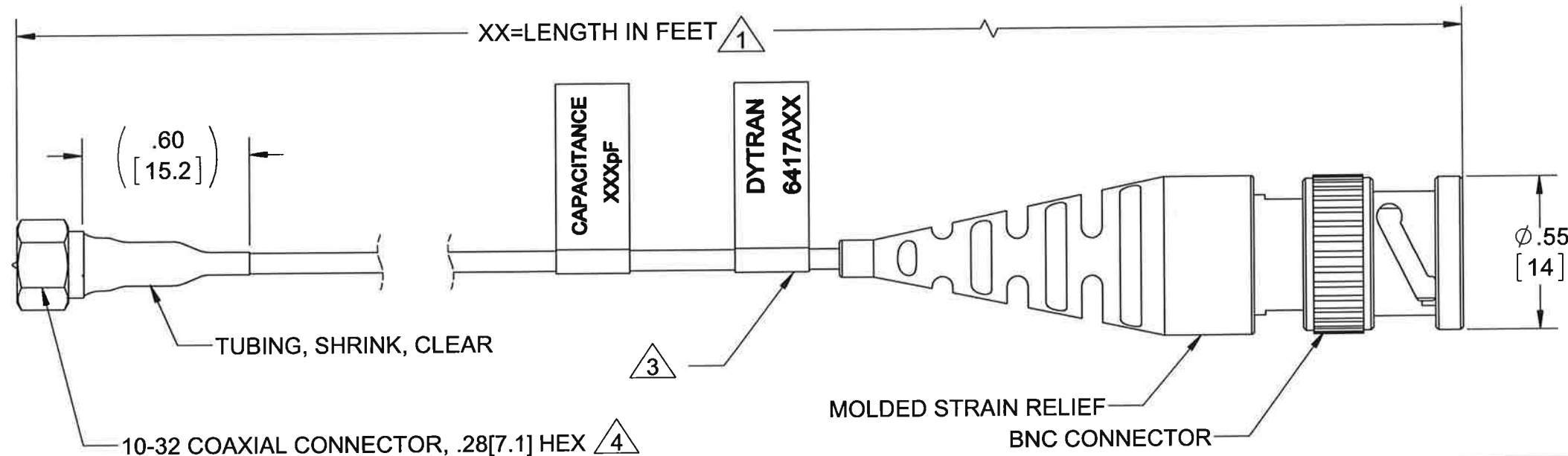
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REVISIONS

| REV. | ECN | DESCRIPTION | BY/DATE | CHK | APPR |
|------|-------|--|-----------------|-----|------|
| A | 9772 | INITIAL RELEASE | AB 03/25/13 | RA | DV |
| B | 11484 | ZONE C2 ADDED MOLDED STRAIN RELIEF, CONVERTED TO SOLIDWORKS ZONE B3 .28 [7.1] HEX WAS: .27[7] HEX | RA 11/26/14 | RT | LN |
| C | 11777 | ADDED NOTE 4 | RA, 02/23/15 | MH | LN |

| 1 ENGLISH | | 1 [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% |



| 3 SINGLE CONDUCTOR LOW NOISE CABLE | |
|------------------------------------|--|
| AWG | 30-7/38 SILVER PLATE |
| TEMP | 200 DEG C WIRE RATED |
| DIAMETER | Ø.073 NOM. |
| JACKET | RED PTFE WRAP .005-.010 WALL |
| VOLTAGE | 600 VOLTS |
| SHIELD | 38 AWG SILVER PLATED COPPER BRAID, 85% MIN COVERAGE, Ø.050 NOM |
| CONDUCTOR INSULATION | EXTRUDED PTFE, CLEAR, Ø.032 NOM. |
| LOW NOISE WRAP #1 & #2 | CARBON TAPE |

- 4 MAXIMUM TORQUE: 12-15 LB-IN
- 3 SEE CABLE SPECIFICATION TABLE
- 2. OPERATING RANGE: -15°F (-26°C) TO 230°F (110°C)
- 1 MODEL NUMBER 6417AXX, 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: 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.

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

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION USA

DYTRAN INSTRUMENTS, INC.
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 Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION DRAWING, 10-32 TO BNC PLUG, MODEL 6417A**

| | | | |
|---------------|------------------------|-------------------------|--------------|
| SIZE B | CAGE CODE 2W033 | DWG NO 127-6417A | REV C |
|---------------|------------------------|-------------------------|--------------|

SCALE: 1:2 SHEET 1 OF 1