

PROPRIETARY AND CONFIDENTIAL

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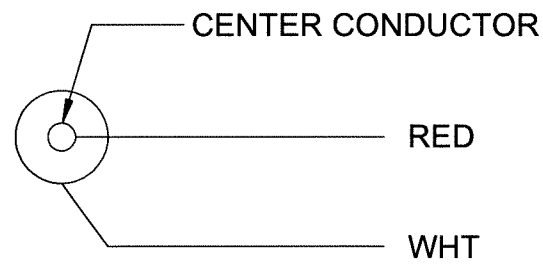
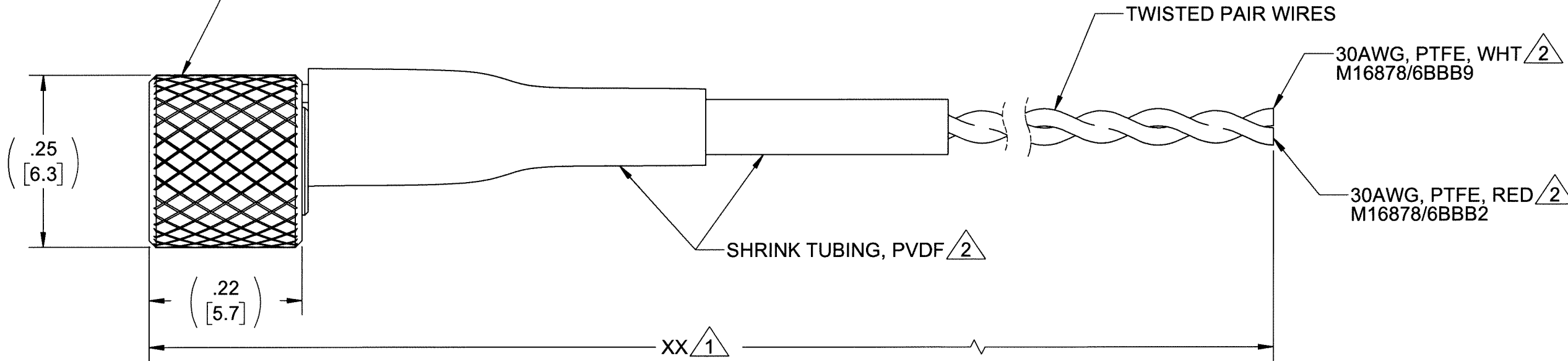
1 CABLE TOLERANCE

≤1FT	+1/ -0 IN
>1 FT - 5 FT	+2/ -0 IN
> 5 FT - 10 FT	+4/ -0 IN
>10 FT - 25FT	+6 / -0 IN
>25 FT	+5% / -0%

REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
E	13769	REVISED KNURL DETAIL	RA 10/09/17	EM	LN
F	14451	REMOVED TABULATION CHART	RA 09/13/18	DP	LN
G	15492	CONVERTED TO SOLIDWORKS, ADDED NOTES 3 & 4 ADDED WIRE SPECIFICATION TABLE	DP 01/06/20	DP	LN

DYTRAN MODEL 6115 10-32 PLUG



SCHEMATIC DIAGRAM

2 SINGLE CONDUCTOR WIRE

WIRE	30-7/38 SILVER PLATED COPPER
WIRE INSULATION	PTFE-POLYTETRAFLUOROETHYLENE
SHIELD	UNSHIELDED
JACKET	NONE
INSULATION DIAMETER	Ø.024 NOMINAL
TEMP	-60 °C TO 200 °C
VOLTAGE	250 V RMS

4 BODY: 303 SS  
PIN: 52 ALLOY

3. TEMPERATURE RANGE: -55 °C TO +150 °C (-67 °F TO +302 °F)

2 LOW OUT-GASSING

1 PART NUMBER 6869AXX, XX DENOTES LENGTH IN FEET. SEE TABLE FOR TOLERANCE.

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.

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

APPROVALS: ORIG NC 02/20/08, CHK JS 02/20/08, APP JS 02/20/08

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.

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES.  
 DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS TOLERANCES ARE:

**DYTRAN INSTRUMENTS, INC.** Chatsworth, CA

**MASTER ONLY IF IN RED**

TITLE: **OUTLINE/INSTALLATION DWG, CABLE, 10-32 PLUG TO PIGTAILS, MODEL 6869A**

SIZE B, CAGE CODE 2W033, DWG NO 127-6869A, REV G

SCALE: 6:1, SHEET 1 OF 1