DWG NO 127-6651A SH 1 REV A

PROPRIETARY AND CONFIDENTIAL

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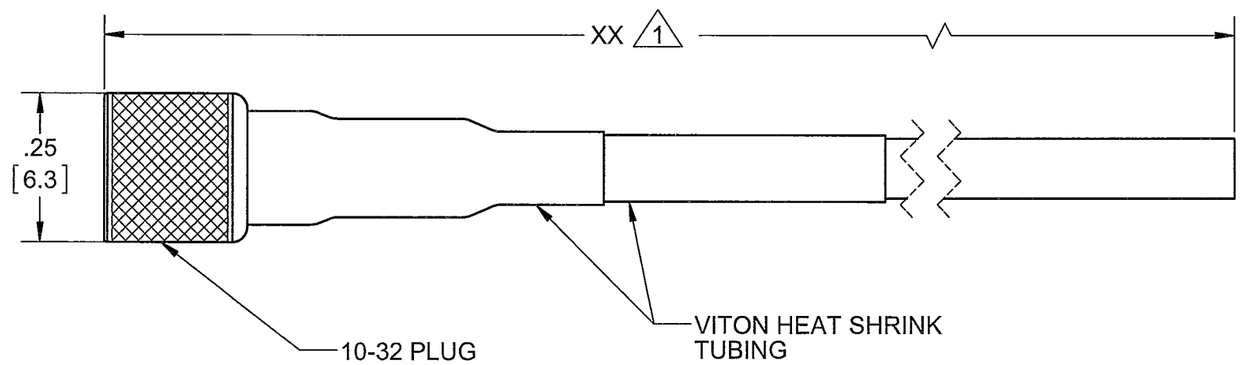
1 CABLE LENGTH TOLERANCE

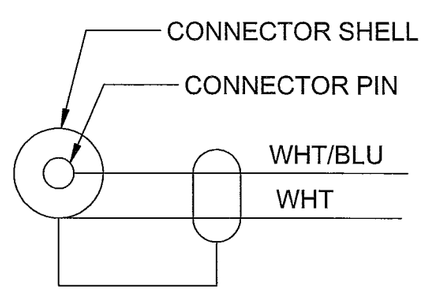
ENGLISH		METRIC	
≤1FT	+1/ -0 IN	≤0.3m	+25mm/-0mm
>1 FT - 5 FT	+2/ -0 IN	>0.3m-1.5m	+50mm/-0mm
> 5 FT - 10 FT	+4/ -0 IN	>1.5m-3m	+100mm/-0mm
>10 FT - 25FT	+6 / -0 IN	>3m-7.5m	+150mm/-0mm
>25 FT	+5% / -0%	>7.5m	+5%-0%

REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	9962	INITIAL RELEASE	JS 05/16/13	AB	DV

MODEL	REV	ECN	DATE	LENGTH 1	WEIGHT OZ/GRAMS
6651A10	A	9962	05/15/13	10 FT	1.5 / 42





SCHEMATIC

CABLE, TWISTED, SHIELDED PAIR	
TEMPERATURE RANGE	-100 °C TO +200°C (-148 °C TO +392°F)
JACKET	FEP .015 NOM WALL COLOR WHITE.
NOMINAL DIAMETER	Ø.100
SHIELDING	38 AWG SILVER PLATED COPPER BRAID, 90% MIN COVERAGE
CONDUCTORS	MIL-W-16878/4 30 AWG 7/38 SILVER PLATED COPPER

2. TEMPERATURE RATING -100 °C TO +200°C (-148 °C TO +392°F)

1 PART NUMBER: 6651AXX (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.

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		DATE
ORIG	JS	05/15/13
CHK	AB	05/20/13
APP	DV	5/21/13

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION USA

DYTRAN INSTRUMENTS, INC. Chatsworth, CA

MASTER ONLY PRINTED

TITLE: OUTLINE/INSTALLATION DRAWING CABLE ASSY, LOW OUT GASSING, 6651A

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-6651A	A

SCALE: 2:1 SHEET 1 OF 1

172-0186 REV A