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DWG NO 127-60042A SH 1 REV B

PROPRIETARY AND CONFIDENTIAL

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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	13256	INITIAL RELEASE	LA 03/03/17	AS	LN
B	15443	SEE ECN	DP 12/02/19	<i>ea</i>	<i>LN</i>

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%

SCHEMATIC DIAGRAM

6 SEE TABLE FOR CABLE SPECIFICATONS.

5 CONNECTOR PLUG, 4-PIN, GLENAIR P/N: 800-006-06Z16-4SN.
MATES WITH DYTRAN MODELS: 3143M12, 3143M13, 3143M14,
3143M16, 3143M17, 3533A

4 OPERATING TEMPERATURE: -321 °F (-196 °C) TO 392 °F (200 °C)

3 SEE TABLE FOR CABLE SPECIFICATIONS.

2 OPERATING TEMPERATURE: -67 °F (-55 °C) TO 250 °F (121 °C)

1 PART NUMBER 60042AXX. "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	LA	02/13/17
CHK	AS	03/03/17
APP	LN	03/03/17

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION
USADYTRAN
INSTRUMENTS, INC.

Chatsworth, CA

MASTER
ONLY IF IN REDTITLE: OUTLINE/INSTALLATION DRAWING,
4 PIN PLUG TO (3) BNC, MODEL
60042A

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-60042A	B

SCALE: 1:1 SHEET 1 OF 2

172-0186 REV A

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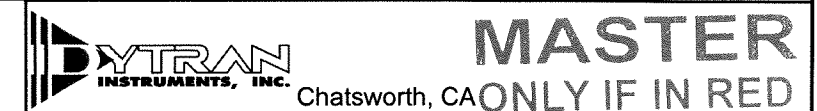
B

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A

△ 3 4 CONDUCTOR, CABLE	
WIRE	30 AWG 7/38 TIN PLATED COPPER
SHIELD	SILVER PLATED COPPER BRAID, 90% MIN COVERAGE
JACKET	FEP, BLACK, .006/.015 WALL
DIAMETER	.095/.105
VOLTAGE	250 VOLTS

145-0008 △ 6 SINGLE CONDUCTOR SHIELDED CABLE	
WIRE	30-7/38 SILVER PLATED COPPER
WIRE INSULATION	EXTRUDED PTFE, NATURAL, Ø.033 ±.002
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 95% MIN COVERAGE, Ø.054 NOM
JACKET	WHT PTFE WRAP .005-.010 WALL
DIAMETER	Ø.074±.006
TEMP	200 DEG C WIRE RATED
VOLTAGE	2000 VAC
INDUCTANCE	.80 microH/FT
MINIMUM BEND RADIUS	.38 IN
CAPACITANCE (SHIELD TO CONDUCTOR)	32 pF/FT
IMPEDANCE	50 OHMS



TITLE: **OUTLINE/INSTALLATION DRAWING, 4 PIN PLUG TO (3) BNC, MODEL 60042A**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-60042A	B

SCALE: 1:1 PART NO: SHEET 2 OF 2