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DWG NO127-60136ASH1REV A

PROPRIETARY AND CONFIDENTIAL

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1CABLE 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%

REVISIONS

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	15372	INITIAL RELEASE	DP 10/24/19	KG	W

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10-32 COAXIAL CONNECTOR

ID LABEL, POLYOLEFIN

.22 (7/32) HEX

STRAIN RELIEF, VITON

DYTRAN 60136AXX

MOLDED STRAIN RELIEF MATERIAL: SANTOPRENE

BNC CONNECTOR

1.50 [38.1]

Ø.55 [14]

XX

SCHEMATIC DIAGRAM

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5HAND TIGHTEN CONNECTOR ONTO SENSOR. SLIDE STRAIN RELIEF BACK AWAY FROM CONNECTOR. TORQUE CONNECTOR TO 10 LB-IN USING A TORQUE WRENCH. SLIDE STRAIN RELIEF BACK ONTO CONNECTOR.

4OPERATING TEMPERATURE -26°C TO +200°C (-15°F TO +392°F)

3OPERATING TEMPERATURE -26°C TO +110°C (-15°F TO +230°F)

2SEE CABLE SPECIFICATION TABLE.

1MODEL NUMBER 60136AXX, XX DENOTES LENGTH IN FEET. SEE TABLE FOR TOLERANCE.

NOTES: UNLESS OTHERWISE SPECIFIED

2SINGLE CONDUCTOR SHIELDED LOW NOISE CABLE

AWG	30-7/38 SILVER PLATED COPPER
TEMP	200 DEG C WIRE RATED
WITHSTANDING VOLTAGE	2000 VAC
CONDUCTOR INSULATION CAPACITANCE (SHIELD TO CONDUCTOR)	EXTRUDED PTFE, NATURAL, Ø.033 ±.002
	32 pF/FT
LOW NOISE WRAP #1 & #2	CARBON TAPE
IMPEDANCE	50 OHMS
INDUCTANCE	.80 microH/FT
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 95% MIN COVERAGE, Ø.054 NOM
RESISTANCE	.20 OHM
JACKET	WHT PTFE WRAP .005-.010 WALL
DIAMETER	Ø.074±.006
MINIMUM BEND RADIUS	1 IN

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

APPROVALS

DATE

ORIG DP 09/04/19

CHK KG 11/05/19

APP W 11/05/19

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

MASTER

DYTRAN

INSTRUMENTS, INC.

Chatsworth, CA

ONLY IF IN RED

TITLE:

OUTLINE/INSTALLATION
DRAWING, CABLE, 10-32 TO BNC
PLUG, MODEL 60136A

SIZE

CAGE CODE

DWG NO

REV

B

2W033

127-60136A

A

SCALE:

1:1

SHEET 1 OF 1

172-0186 REV A