

PROPRIETARY AND CONFIDENTIAL

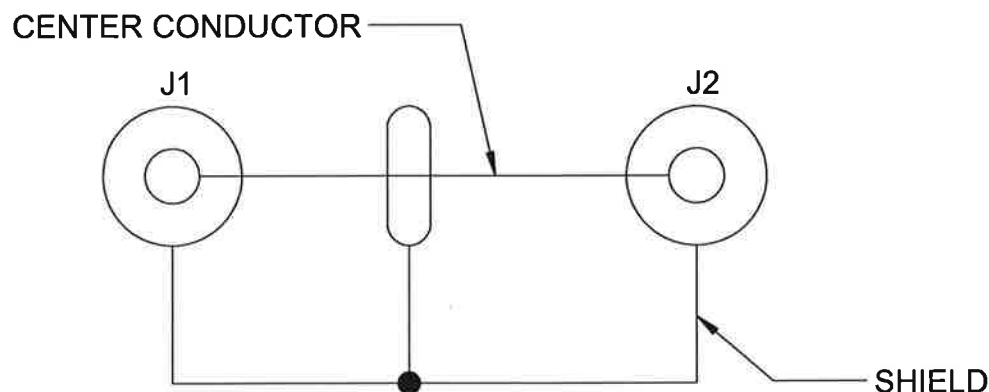
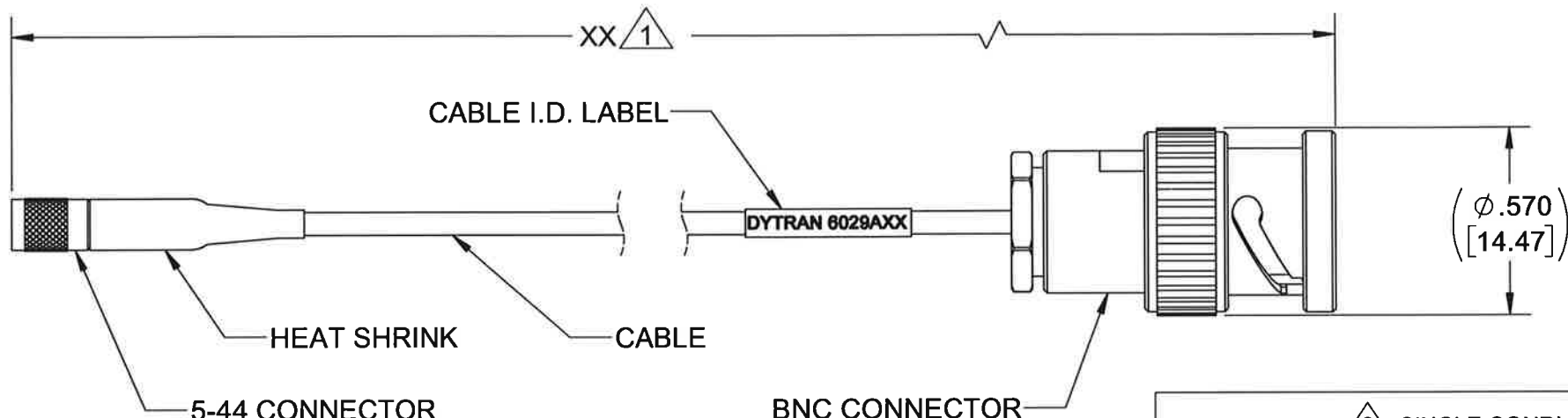
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REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	12753	REDRAWN ON SOLDWORKS	LA 06/20/16	JS	LN
C	12978	ADDED NOTE 3	LA 09/28/16	JS	LN
D	13095	-321°F (-196°C) TO 329°F (165°C). WAS: -67°F (-196°C) TO 329°F (165°C).	RA, 11/08/16	MH	W

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

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

3. OPERATING TEMPERATURE RANGE: -321°F (-196°C) TO 329°F (165°C).

2 SEE CABLE SPECIFICATION TABLE.

1 MODEL NUMBER: 6029AXX. "XX" DENOTES CABLE LENGTH IN FEET. SEE TABLE FOR CABLE LENGTH 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.

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

APPROVALS		DATE
ORIG	NC	07/31/02
CHK	NC	07/31/02
APP	NC	07/31/02

DO NOT SCALE DRAWING

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DYTRAN INSTRUMENTS, INC. Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION DRAWING, CABLE, 5-44 PLUG TO BNC, MODEL 6029A**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-6029A	D

SCALE: 2:1 SHEET 1 OF 1