

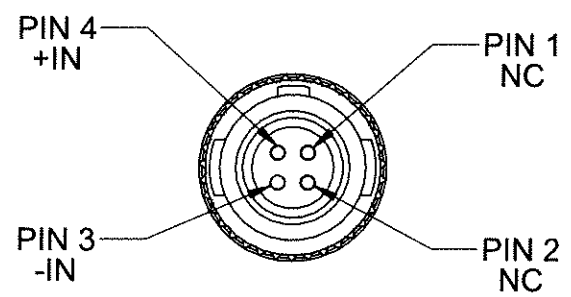
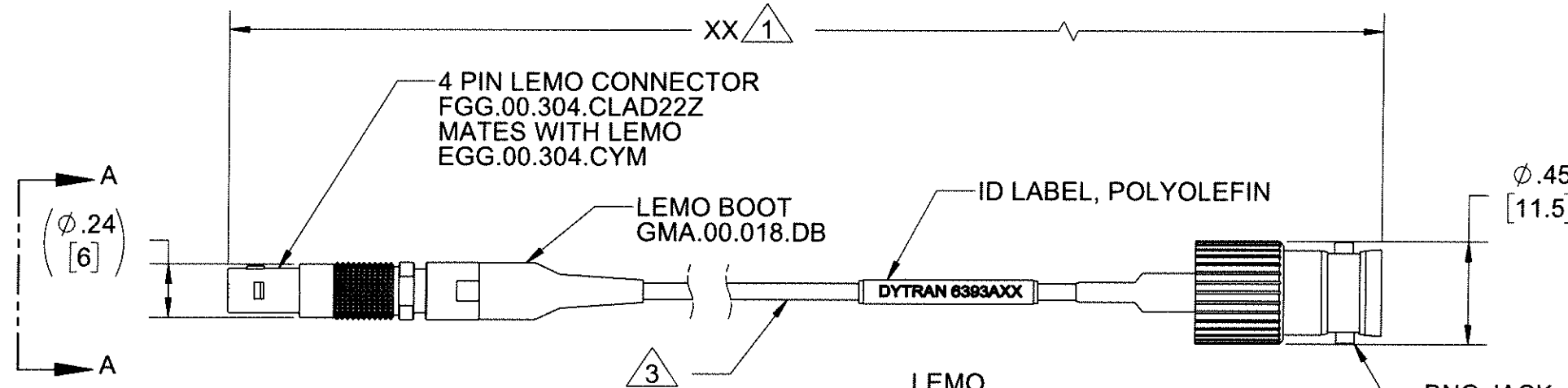
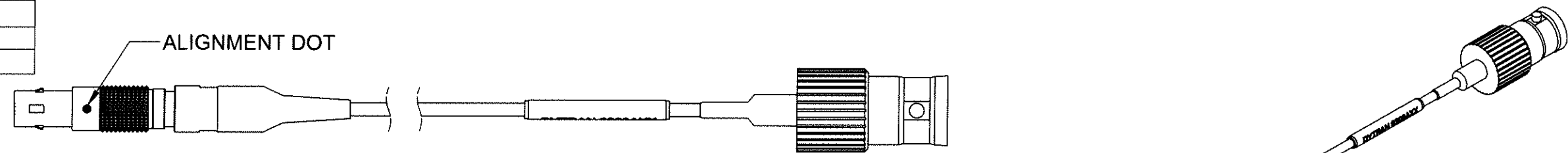
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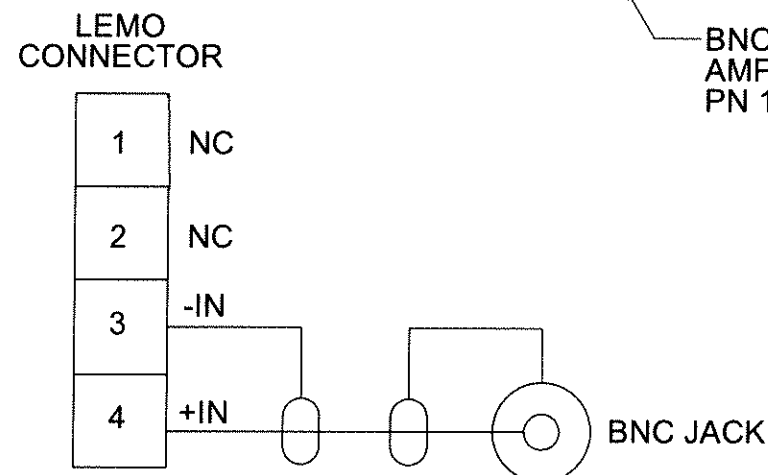
REVISIONS

REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	14422	INITIAL RELEASE, SAME AS X2	RA 09/06/18	DP	LN

CABLE LENGTH 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%



**VIEW A-A
SCALE 4 : 1**



SCHMATIC

RG178 B/U COAXIAL CABLE	
CONDUCTOR TYPE	30 AWG, 7/38 SILVER PLATED COPPERWELD
CONDUCTOR DIAMETER	.012 [0.057mm]
INSULATION TYPE	EXTRUDED PTFE
INSULATION DIAMETER	.033 [0.838mm]
BRAID TYPE	SINGLE 38 SILVER PLATED COPPER
BRAID DIAMETER	.051 [1.30mm]
JACKET TYPE	EXTRUDED FEP
JACKET DIAMETER	.071 [1.80mm]
WEIGHT	.625 lb/100ft [0.93kg/100m] MAX
CAPACITANCE	32pF/ft [105pF/m]
MAX RESISTANCE	80.2 Ohm/100 ft [24.5 Ohm/100m]
MAX VOLTAGE	750 V
OPERATING TEMP	-67°F to 392°F [-55°C to 200°C]

- 3 SEE CABLE SPECIFICATION TABLE.
- 2 OPERATING TEMPERATURE -67 °F to 392 °F [-55 °C to 200 °C]
- 1 PART NUMBER 6393AXX (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.

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

APPROVALS	DATE
ORIG RA	08/16/18
CHK DP	9/26/18
APP LN	9/28/18

DO NOT SCALE DRAWING

MASTER COPY ONLY IF IN RED

DYTRAN INSTRUMENTS, INC.
Chatsworth, CA

TITLE: **OUTLINE/INSTALLATION DRAWING, MODEL 6393A**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-6393A	A

SCALE: 1:1 SHEET 1 OF 1