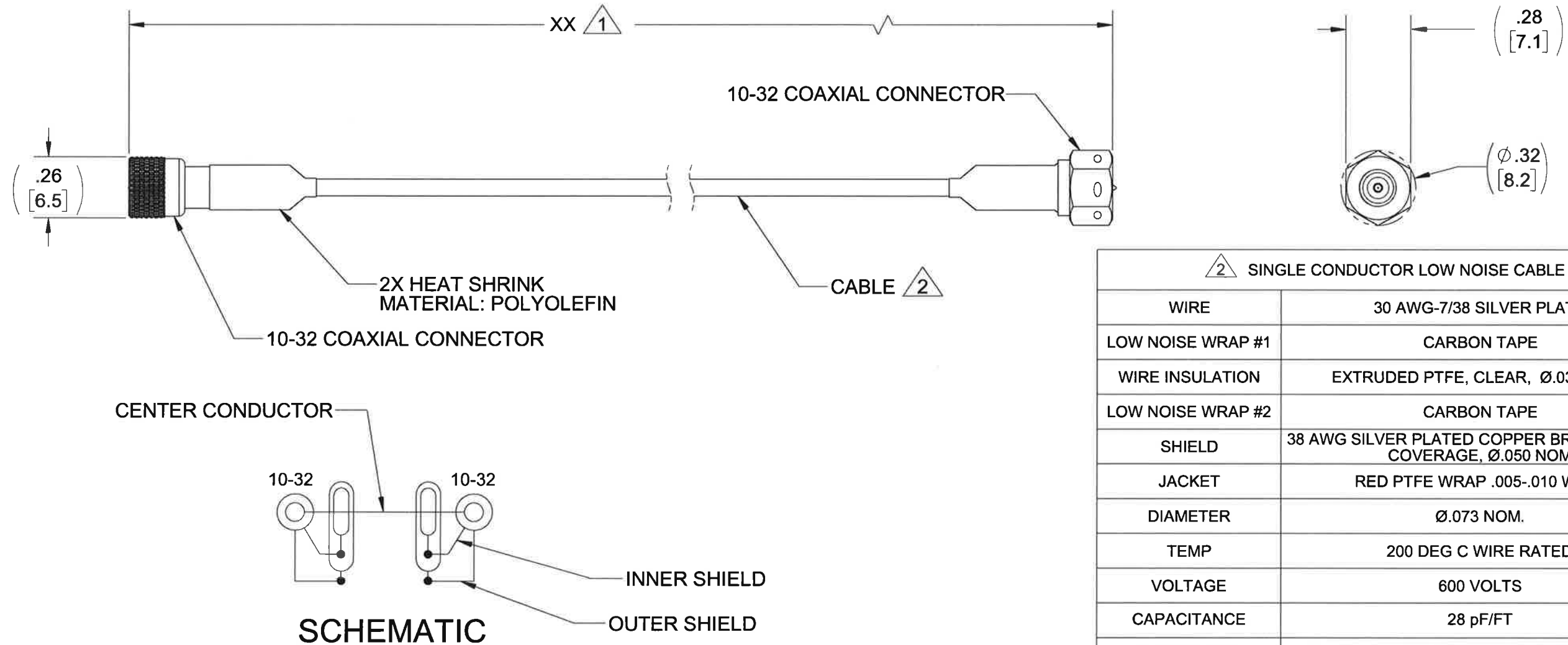


REV.	ECN	DESCRIPTION	BY/DATE	CHK	APPR
B	12764	REDRAWN ON SOLIDWORKS	LA 06/30/16	EP	AS
C	12972	ADDED NOTE 3	LA 09/23/16	JS	LN
D	13335	SEE ECN	LA 03/08/17	MH	LN

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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	0.3 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%



2 SINGLE CONDUCTOR LOW NOISE CABLE

WIRE	30 AWG-7/38 SILVER PLATE
LOW NOISE WRAP #1	CARBON TAPE
WIRE INSULATION	EXTRUDED PTFE, CLEAR, Ø.032 NOM.
LOW NOISE WRAP #2	CARBON TAPE
SHIELD	38 AWG SILVER PLATED COPPER BRAID, 85% MIN COVERAGE, Ø.050 NOM
JACKET	RED PTFE WRAP .005-.010 WALL
DIAMETER	Ø.073 NOM.
TEMP	200 DEG C WIRE RATED
VOLTAGE	600 VOLTS
CAPACITANCE	28 pF/FT
IMPEDANCE	50 OHMS NOMINAL

3. OPERATING RANGE TEMPERATURE: -67°F (55°C) TO 392°F (200°C).

2 SEE CABLE SPECIFICATION TABLE.

1 MODEL NUMBER: 6419AXX. "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	METRIC	ANGLES
.XX ±.03	.X ± 0.8	
.XXX ±.010	.XX ±0.25	+1°

APPROVALS		DATE
ORIG	AB	04/15/13
CHK	RA	04/16/13
APP	DV	04/22/13
DO NOT SCALE DRAWING		THIRD ANGLE PROJECT 

DYTRAN
INSTRUMENTS, INC.
Chatsworth, CA

TITLE:	OUTLINE/INSTALLATION DRAWING, 10-32 TO 10-32, MODEL 6419A
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SIZE B	CAGE CODE 2W033	DWG NO 127-6419A	REV D
SCALE: 2:1		SHEET 1 OF 1	