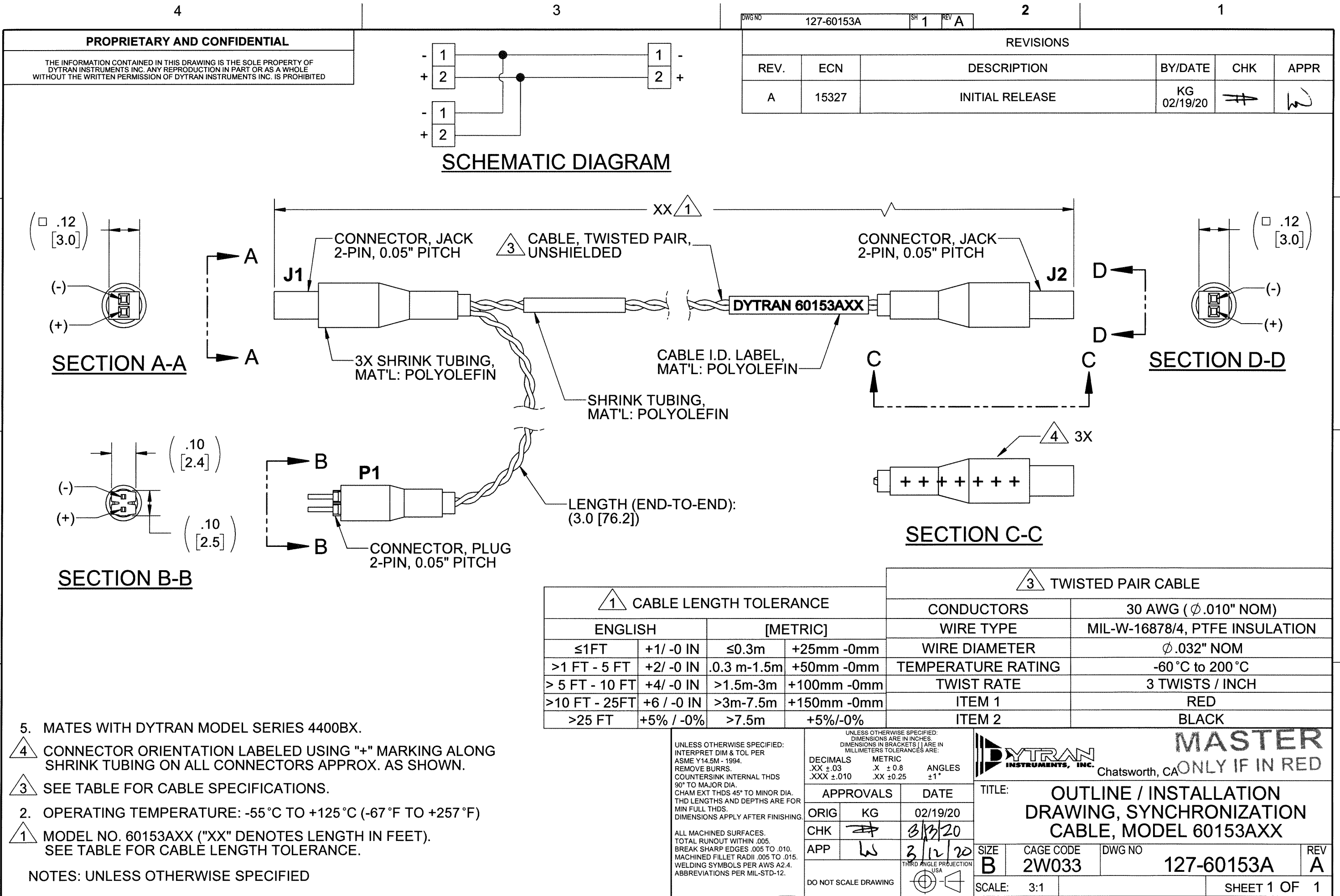




PROPRIETARY AND CONFIDENTIAL

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DWG NO		127-60153A		SH	1	REV	A	2		1	
REVISIONS											
REV.	ECN	DESCRIPTION						BY/DATE	CHK	APPR	
A	15327	INITIAL RELEASE						KG 02/19/20			

SCHEMATIC DIAGRAM

SECTION A-A

SECTION B-B

SECTION D-D

SECTION C-C

1 CABLE LENGTH TOLERANCE				3 TWISTED PAIR CABLE	
ENGLISH		[METRIC]		CONDUCTORS	30 AWG (ϕ .010" NOM)
≤ 1 FT	+1/ -0 IN	≤ 0.3 m	+25mm -0mm	WIRE TYPE	MIL-W-16878/4, PTFE INSULATION
>1 FT - 5 FT	+2/ -0 IN	.0.3 m-1.5m	+50mm -0mm	WIRE DIAMETER	ϕ .032" NOM
> 5 FT - 10 FT	+4/ -0 IN	>1.5m-3m	+100mm -0mm	TEMPERATURE RATING	-60 °C to 200 °C
>10 FT - 25FT	+6 / -0 IN	>3m-7.5m	+150mm -0mm	TWIST RATE	3 TWISTS / INCH
>25 FT	+5% / -0%	>7.5m	+5%/-0%	ITEM 1	RED
				ITEM 2	BLACK

5. MATES WITH DYTRAN MODEL SERIES 4400BX.
- 4 CONNECTOR ORIENTATION LABELED USING "+" MARKING ALONG SHRINK TUBING ON ALL CONNECTORS APPROX. AS SHOWN.
- 3 SEE TABLE FOR CABLE SPECIFICATIONS.
2. OPERATING TEMPERATURE: -55 °C TO +125 °C (-67 °F TO +257 °F)
- 1 MODEL NO. 60153AXX ("XX" DENOTES 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.

DECIMALS	METRIC	ANGLES
.XX $\pm$.03	.X $\pm$ 0.8	$\pm$ 1°
.XXX $\pm$.010	.XX $\pm$ 0.25	

APPROVALS		DATE
ORIG	KG	02/19/20
CHK		3/3/20
APP		3/12/20

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

DYTRAN
INSTRUMENTS, INC.
Chatsworth, CA

MASTER
ONLY IF IN RED

TITLE: **OUTLINE / INSTALLATION
DRAWING, SYNCHRONIZATION
CABLE, MODEL 60153AXX**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-60153A	A

SCALE: 3:1

SHEET 1 OF 1