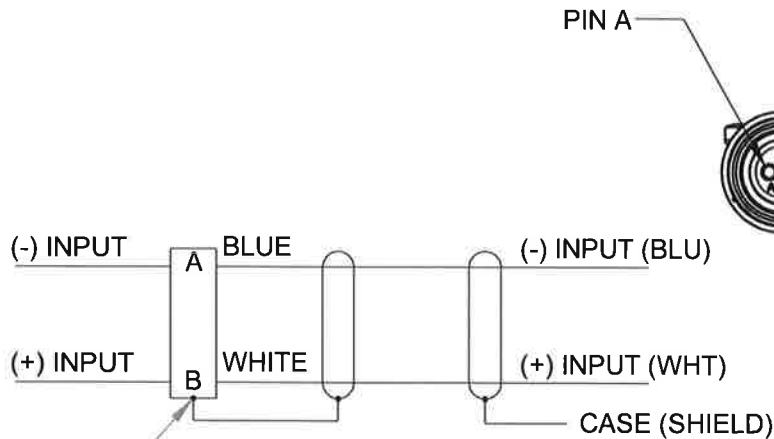


**PROPRIETARY AND CONFIDENTIAL**

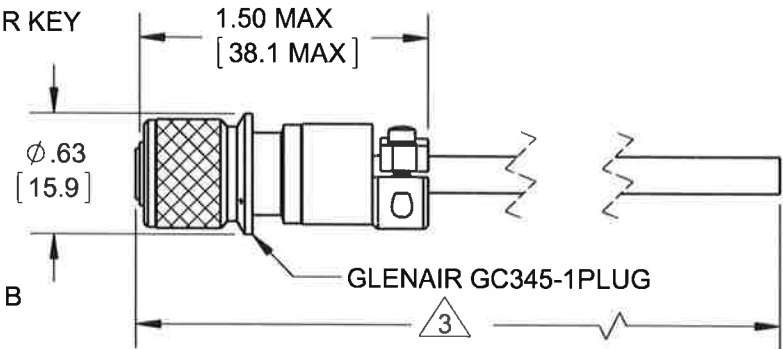
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DYTRAN INSTRUMENTS INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF DYTRAN INSTRUMENTS INC. IS PROHIBITED

**REVISIONS**

REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	4745	UPDATED "KEYWAY ORIENTATION 180°"	RLA 07/02/07	MHP	CES
B	5557	PER ECN 5557	EP 10/23/08	DV	DV
C	10778	REMOVE THE FLYING LEADS	EC 02/07/14	<i>g</i>	<i>g</i>



**SCHEMATIC DIAGRAM**



**CABLE SPECIFICATIONS**

ITEM 1	22 AWG WIRE WHITE, LOW NOISE TAPE WRAP
ITEM2	22 AWG WIRE BLUE, LOW NOISE TAPE WRAP
FILLER	2 # FIBER GLASS FILLER
CABLE	1" LEFT HAND LAY
TAPE	LOW NOISE TAPE WRAP
BRAID	38 AWG SILVER PLATE Cu 95% COVER, 30°
TAPE	KAPTON TAPE WRAP
JACKET	TFE WHITE TAPE DBL WRAP .010/.015
DIA	.190 MAX

3. LAST TWO DIGITS OF MODEL NUMBER INDICATES CABLE LENGTH IN FEET FOR EXAMPLE: 6838A10 IS A 10 FEET LONG CABLE

2. SEE TABLE FOR CABLE SPECIFICATIONS

1. TEMPERATURE: WITH SEALING: 375°F MAX CONTINUOUS  
WITHOUT SEALING OPTION: 500°F MAX CONTINUOUS

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. THDS PER MIL-S-7742. DIMENSIONS APPLY AFTER FINISHING.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS TOLERANCES ARE: INCHES METRIC ANGLES .XX ± .03 .X ± 0.8 ± 1° .XXX ± .010 .XX ± 0.25
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.	MATERIAL
	FINISH
	DO NOT SCALE DRAWING

APPROVALS		DATE
ORIG	NC	11/08/04
CHK	RA	11/08/04
APP	NC	11/09/04
APP		

**DYTRAN INSTRUMENTS, INC.** **MASTER ONLY IF IN RED** Chatsworth, CA

TITLE: **CABLE ASSEMBLY MODEL 6838AXX**

SIZE	CAGE CODE	DWG. NO.	REV
<b>A</b>	<b>2W033</b>	<b>127-6838A</b>	<b>C</b>

SCALE: NONE SOLIDWORKS SHEET 1 OF 1