## PROPRIETARY AND CONFIDENTIAL **REVISIONS** THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY **REV ECN** DESCRIPTION OF DYTRAN INSTRUMENTS INC. ANY REPRODUCTION IN PART OR AS A BY/DATE CHK APPR WHOLE WITHOUT THE WRITTEN PERMISSION OF RA DYTRAN INSTRUMENTS INC. IS PROHIBITED 7565 В SEE ECN 05/18/11 3X 8.00 XX=LENGTH IN 2.00) COAX CABLE FFFT KEYWAY RED SHRINK $\emptyset.57$ M4.5 X .35 THD TUBING **4 POSITION RECEPTACLE** AXIS X/1 $\emptyset.06$ GND $\emptyset.50$ AXIS Y/2 AXIS Z/3 3X COAX CABLE PIN OUT LABEL VIEW A-A SCALE 6:1 RG196A/U TFE 3X BNC YEL SHRINK CABLE ID LABEL CONNECTOR **TUBING** 4 CONDUCTOR PFA WHT SHRINK SHIELDED CABLE **TUBING** MOLDED CABLE MATERIAL: SANTOPRENE INSULATOR TEMPERATURE RATING: -55°C TO 120°C. PART NUMBER 6893AXX. "XX" DENOTES LENGTH IN FEET. CONTRACT NO. NOTES: UNLESS OTHERWISE SPECIFIED INSTRUMENTS, INC. UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER DIMENSIONS ARE IN INCHES. ASME Y14.5M - 1994. **DIMENSIONS IN BRACKETS []** Chatsworth, CA REMOVE BURRS. ARE IN MILLIMETERS COUNTERSINK INTERNAL THDS TITLE: TOLERANCES ARE: 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MINOR DIA. **INCHES** METRIC ANGLES OUTLINE/INSTALLATION THD LENGTHS AND DEPTHS ARE FOR XX ± 03 X ±0.8 ±1° MIN FULL THDS. USED ON NEXT ASSY XXX ± 010 XX ±0.25 **DRAWING MODEL 6893A** THDS PER MIL-S-7742. **APPROVALS** DATE **APPLICATION** MATERIAL DIMENSIONS APPLY AFTER FINISHING. THIRD ANGLE PROJECTION ORIG JS 10/07/09 CAGE CODE SIZE DWG. NO. REV ALL MACHINED SURFACES. \ FINISH CHK EP 10/15/09 TOTAL RUNOUT WITHIN .005 2W033 127-6893A В BREAK SHARP EDGES .005 TO .010. APP DV 10/15/09 MACHINED FILLET RADII .005 TO .015. WELDING SYMBOLS PER AWS A2.4. **SOLIDWORKS** SHEET 1 OF 1 DO NOT SCALE DRAWING APP SCALE: 1:4

ABBREVIATIONS PER MIL-STD-12.