INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5-2009

MATERIAL SPECIFICATION AND NOTES
1. SWITCH HOUSING IS UV STABLE ACETAL COPOLYMER WITH 12% GLASS FIBER, COLOR: GREY
2. SWITCH PLUNGER MATERIAL IS ACETAL COPOLYMER WITH 12% GLASS FIBER, COLOR: BLACK
3. SWITCH DATE CODE ON ONE SIDE OF HOUSING PER DELTA DATE CODE SPECIFICATION #1640
4. PLUNGER SEALING O-RING LUBRICANT IS NYY UNIFLOR #8132
5. WIRE TO BE 16GA (37/32) 80', PVC INSULATION. CABLE LAY-UP MAY CONSIST OF MORE STRANDS OF FINER WIRE PROVIDED TOTAL CROSS SECTIONAL AREA IS NO LARGER.
6. LEAD WIRES CONFORM TO SAE J1128 AND SAE J378

ELECTRICAL CONTACT DATA
7. ELECTRICAL CONTACTS ARE SILVER ALLOY PLATED
8. TYPICAL LOAD 3 AMPS AT 12-14 VFC RESISTIVE
9. INITIAL VOLTAGE DROP OF .100mV MAX

DURABILITY REQUIREMENT
10. 100,000 CYCLES WITH A 3 AMP RESISTIVE LOAD @ 12-14 VDC
11. SWITCH AND SEALED LEADS WITHSTAND 10" Hg VACUUM WHEN SUBMERGED IN WATER PER DSI "SALT WATER TEST" BEFORE AND AFTER CYCLE TESTING
12. NO INGRESS OF EXTERNAL CONTAMINANTS ALLOWED

OPERATING ENVIRONMENTAL - USAGE INFORMATION, NO TESTING REQUIRED
13. STORAGE TEMPERATURE -30°C TO 85°C
14. OPERATING TEMPERATURE -6°C TO 85°C
15. EXPOSURE TO FRESH AND SALT WATER