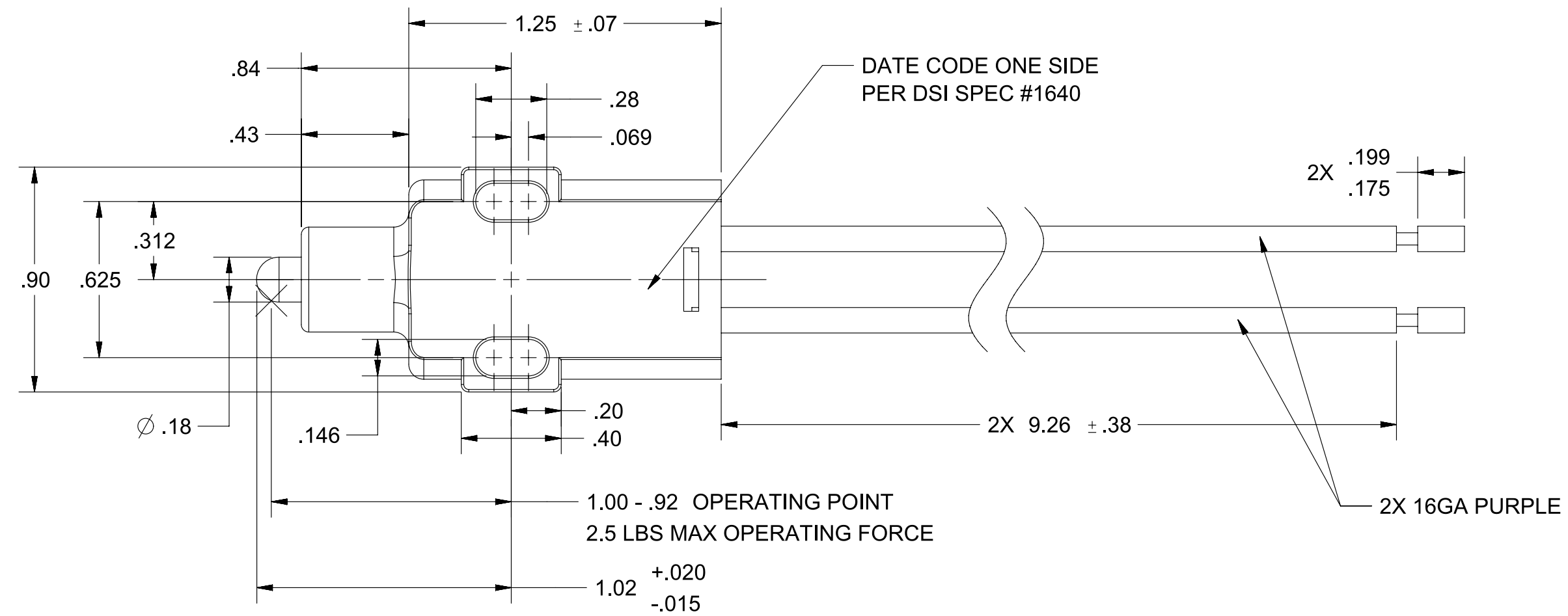


REVISIONS			
REV.	DESCRIPTION	DATE	INIT
0	INITIAL RELEASE	06/02/15	PJC



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

MATERIAL SPECIFICATION AND NOTES

- SWITCH HOUSING IS UV STABLE ACETAL COPOLYMER WITH 12% GLASS FIBER, COLOR: GREY
- SWITCH PLUNGER MATERIAL IS ACETAL COPOLYMER WITH 12%GLASS FIBER, COLOR: BLACK
- SWITCH DATE CODE ON ONE SIDE OF HOUSING PER DELTA DATE CODE SPECIFICATION #1640
- PLUNGER SEALING O-RING LUBRICANT IS NYE UNIFLOR #8132
- 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.
- LEAD WIRES CONFORM TO SAE J1128 AND SAE J378

ELECTRICAL CONTACT DATA

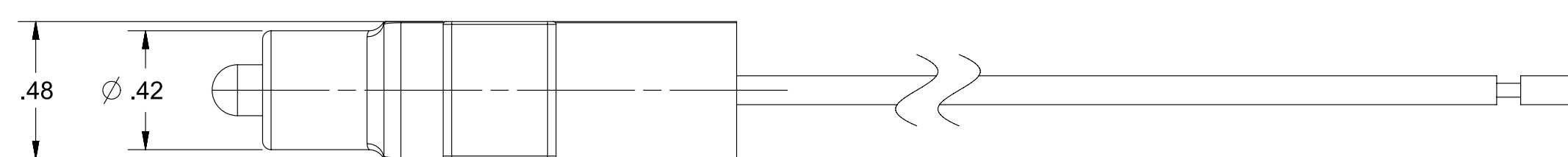
- ELECTRICAL CONTACTS ARE SILVER ALLOY PLATED
- TYPICAL LOAD 3 AMPS AT 12-14 VFC RESISTIVE
- INITIAL VOLTAGE DROP OF 100mV MAX

DURABILITY REQUIREMENT

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

OPERATING ENVIRONMENTAL - USAGE INFORMATION, NO TESTING REQUIRED

- STORAGE TEMPERATURE -30°C TO 85°C
- OPERATING TEMPERATURE -8°C TO 85°C
- EXPOSURE TO FRESH AND SALT WATER



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		CHECKED bkirkman	DATE 08-Jun-2015	
DELTA SYSTEMS INC. DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE MISAPPLICATION OF ANY PRODUCT	COMPUTER GENERATED DRAWING - NO MANUAL CHANGES ALLOWED	APPROVED ikirbaw	DATE 15-Jun-2015	TITLE Universal Switch N.C. Application
		MATERIAL AS NOTED	FINISH AS NOTED	PROJECTED VIEWS ARE 3RD ANGLE
DO NOT SCALE DRAWING		STATUS DS4_Design		SCALE NTS
		SHEET 1 OF 1	PROJECT NO. EX0257	REVISION 0