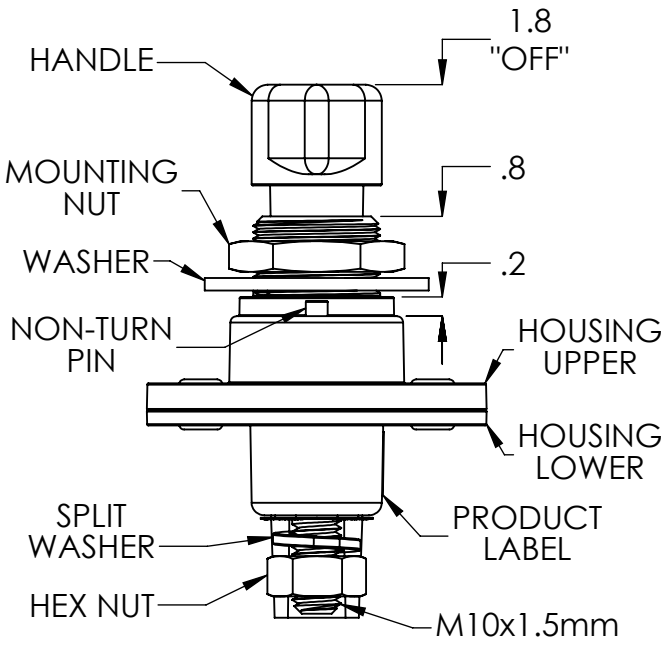
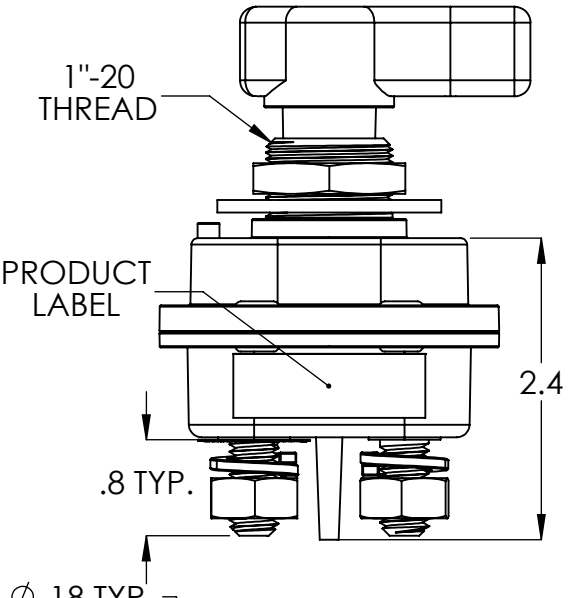
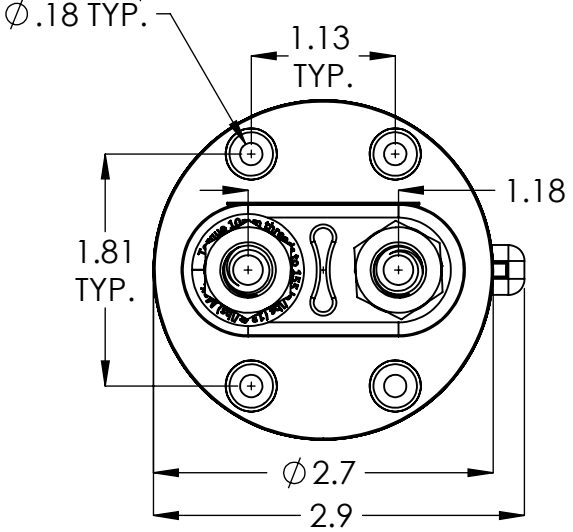
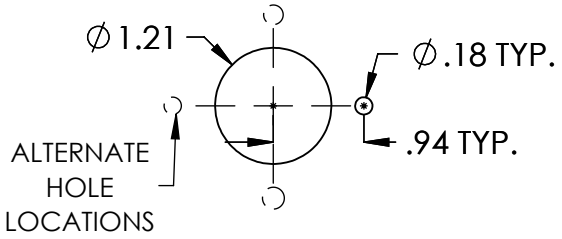
	DRAWING NUMBER	REV.
A	500D-300 SHEET 1 OF 1	B





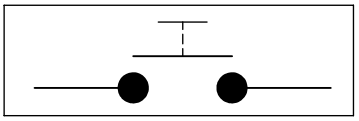


MOUNTING DETAIL



Technical Data	
Handle Material:	GF Nylon 6
Housing Material:	Zinc Diecast
Case Material:	GP Phenolic
Min. Insulation Resistance:	100 Mohm
Dielectric Withstanding Voltage:	1,100V - 1min
Voltage Drop Max:	0.175mV
Voltage:	48VDC
Duty Rating:	300A
Overload:	750A - 180sec
	1,500A - 30sec
Sealing:	IP67
Vibration:	4G / 50-2kHz
Shock:	6G / 11ms
Temperature Range:	-40 to +85C
Terminal Torque:	155 in.lbs
Mounting Torque:	18 ft.lbs

PRODUCT LABEL



SPST CIRCUIT DIAGRAM

REV.	DESCRIPTION	DATE	APP'D
REVISIONS			

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	NAME	DATE
DRAWN	JRT	4-15-15
CHECKED		
ENG APPR.	RMF	4-15-15
MFG APPR.		
Q.A.		

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±1/32
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±.020
THREE PLACE DECIMAL ±.010

SHALLCO
308 COMPONENTS DRIVE, SMITHFIELD, NC 27577 USA
DO NOT SCALE DRAWING

TITLE: **BATTERY DISCONNECT 48VDC-300AMP**

MATERIAL:	FINISH:
SEE TECHNICAL DATA	SEE TECHNICAL DATA
BLANK WEIGHT: -	PART WEIGHT: 0.75 LBS

SIZE A | DWG. NO. 500D-300 | REV. B | SHEET 1 OF 1
SCALE:1:2 | FILENAME: 500D-300

DWG NO: 500D-300