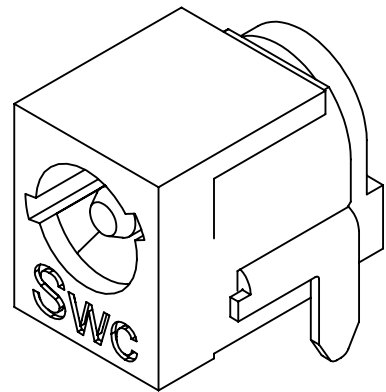
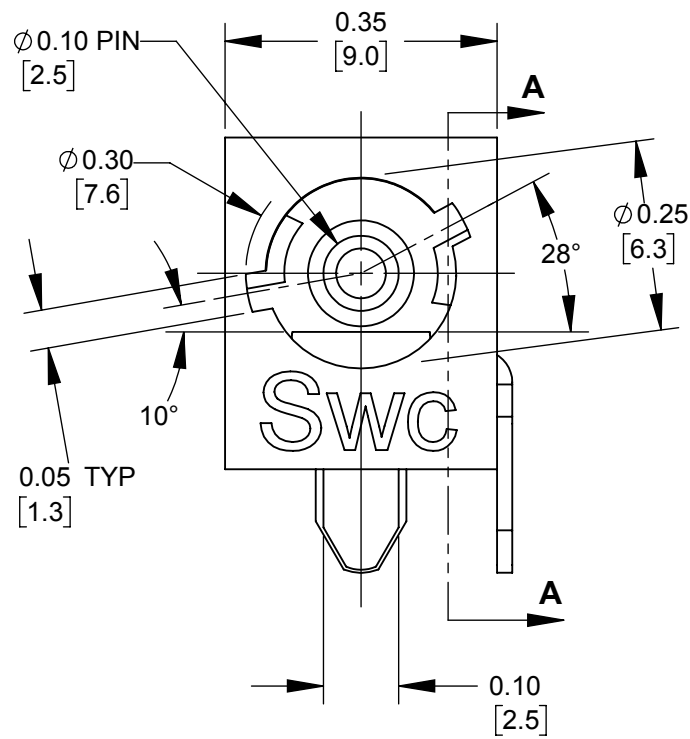
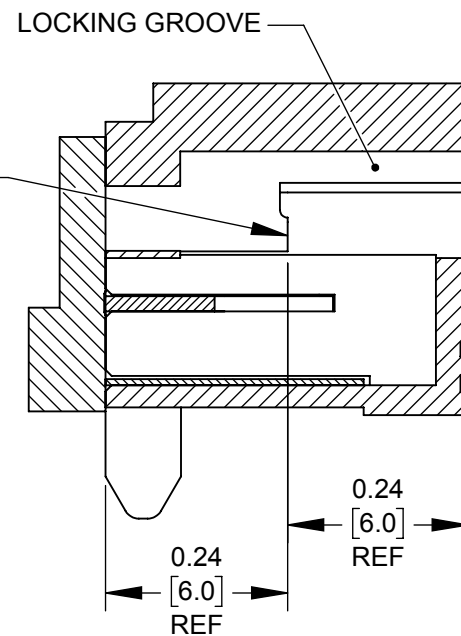
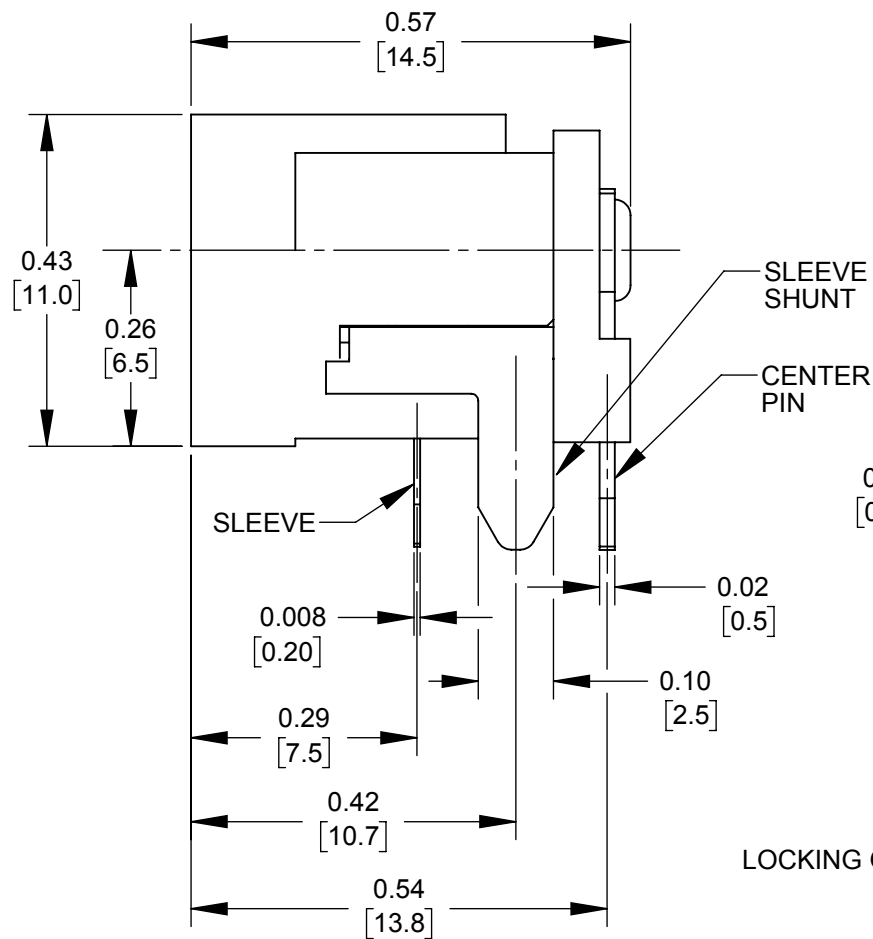
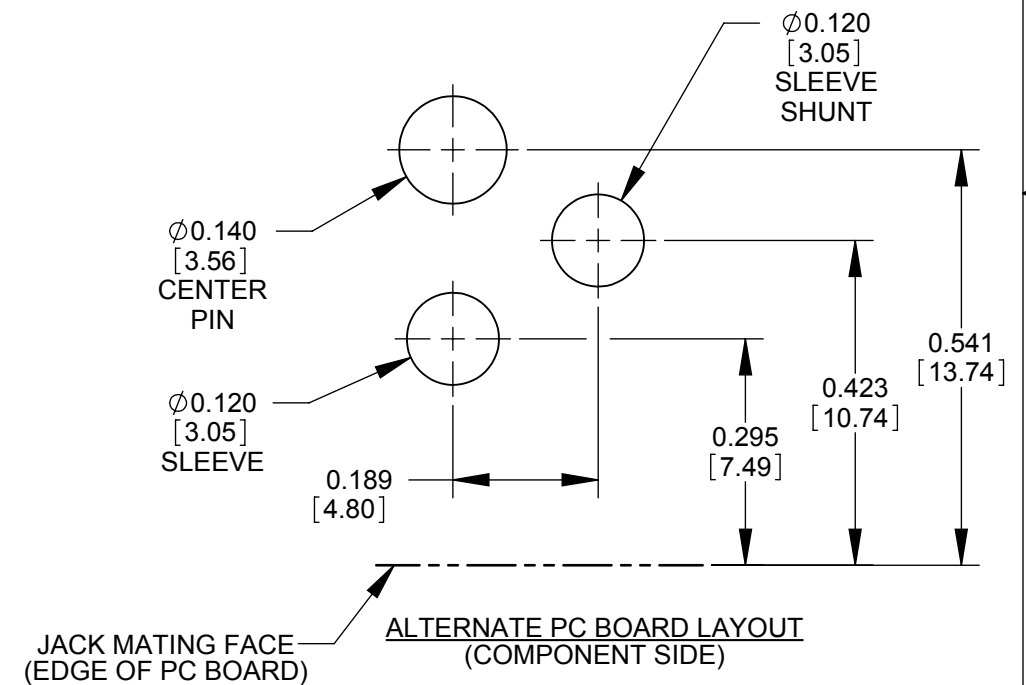
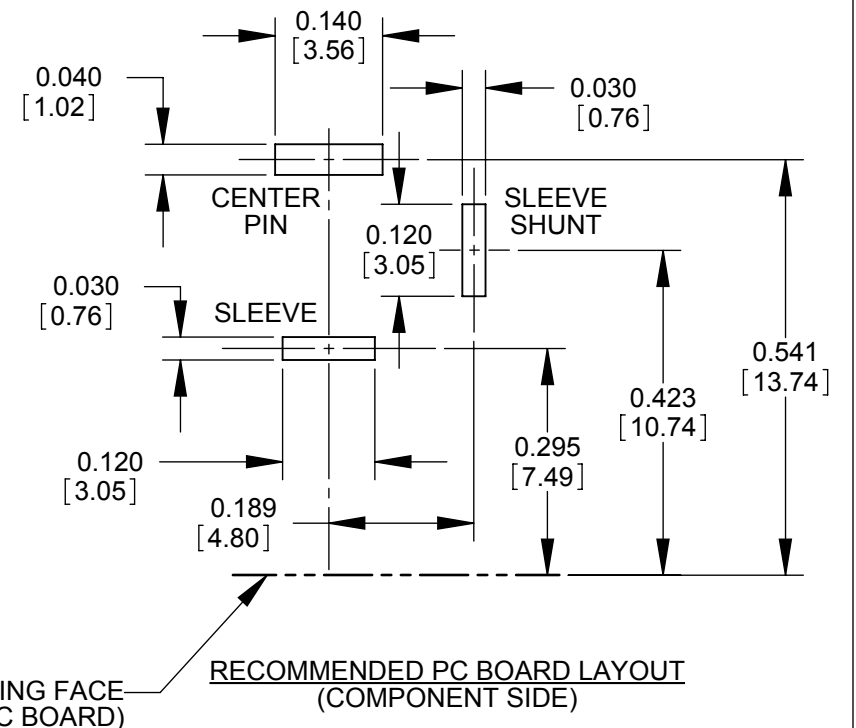
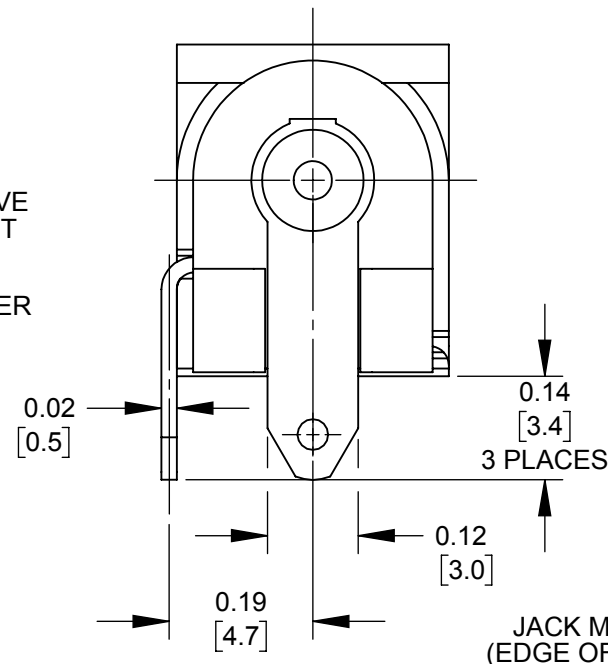


SCHEMATIC



SECTION A-A



CUSTOMER DRAWING

NOTES:

- THIS PRODUCT IS RoHS COMPLIANT.
- MATERIALS:
CENTER PIN: COPPER ALLOY, NICKEL PLATED
SLEEVE CONTACT: SPRING COPPER ALLOY, SILVER PLATED
PIN TERMINAL AND SHUNT: COPPER ALLOY, SILVER PLATED
HOUSING AND COVER: HIGH TEMPERATURE THERMOPLASTIC, BLACK
- SPECIFICATIONS:
LIFE: 5000 CYCLES;
INSERTION FORCE: 5LB [2.3 KG] MAX;
WITHDRAWL FORCE: 0.5 LB [0.2 KG] MIN;
CONTACT RESISTANCE: 30 MILLIOHM MAX, 60 MILLIOHM MAX. AFTER TEST;
INSULATION RESISTANCE: 30 MEGAOHM MIN. @ 100VDC;
DIELECTRIC WITHSTANDING VOLTAGE: 250VAC FOR 1 MINUTE;
CURRENT (CARRYING): 5A
OPERATING TEMPERATURE: -30°C TO +65°C

					STAR SYMBOL DENOTES CRITICAL DIMENSION	THIS DRAWING DESCRIBES A DESIGN CONSIDERED PROPRIETARY IN NATURE, DEVELOPED AND MANUFACTURED BY SWITCHCRAFT INC. AND IS RELEASED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.				
					UNLESS OTHERWISE SPECIFIED	SIZE	WIDTH	MULT	LBS/M	TEMPER
					1. ALL DIMENSIONS IN INCHES [mm]	FINISH				MATERIAL
					- TWO PLACE DECIMALS ±0.02 [0.5]	SPEC No.				SPEC No.
					- THREE PLACE DECIMALS ±0.005 [0.13]	FIRST USED ON				Switchcraft®
						DATE DRAWN	BY	CHKD	APVD	
						10-12-17	SRC	TJK	TJK	
								8/17/18	8/17/18	
						NAME				PART No.
						LOCKING POWER JACK, PC TERMINALS, Ø0.10 [2.5 mm], RoHS				RAPC712BKZ
										REV
										A

Mouser Electronics

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[RAPC712BKZ](#)