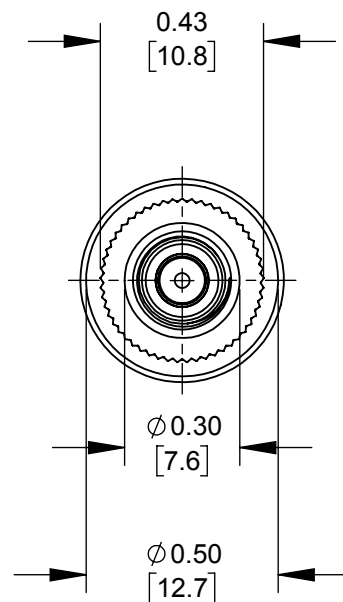
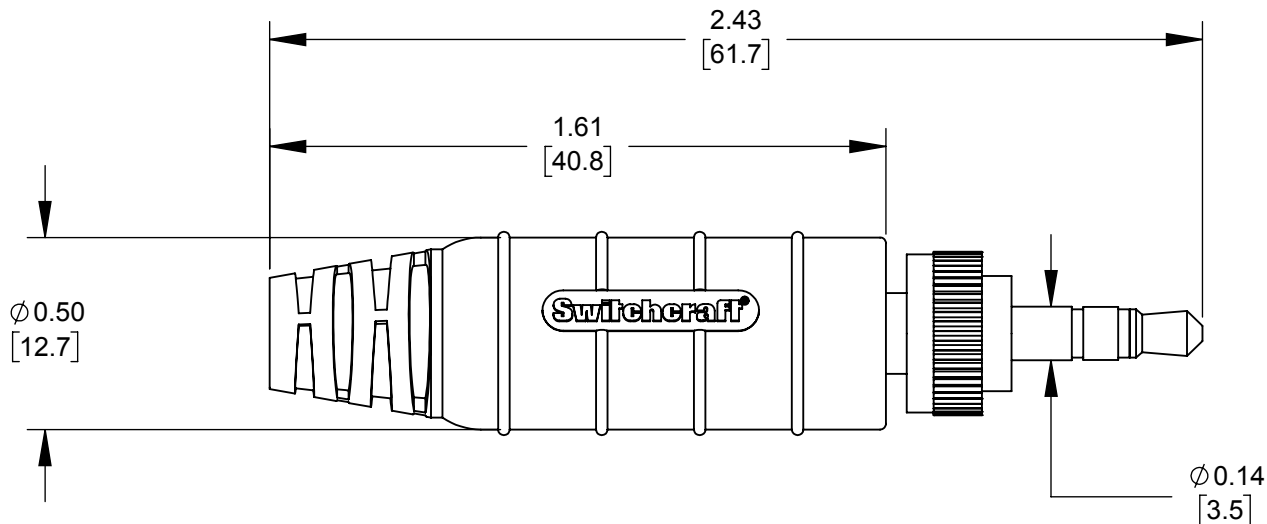
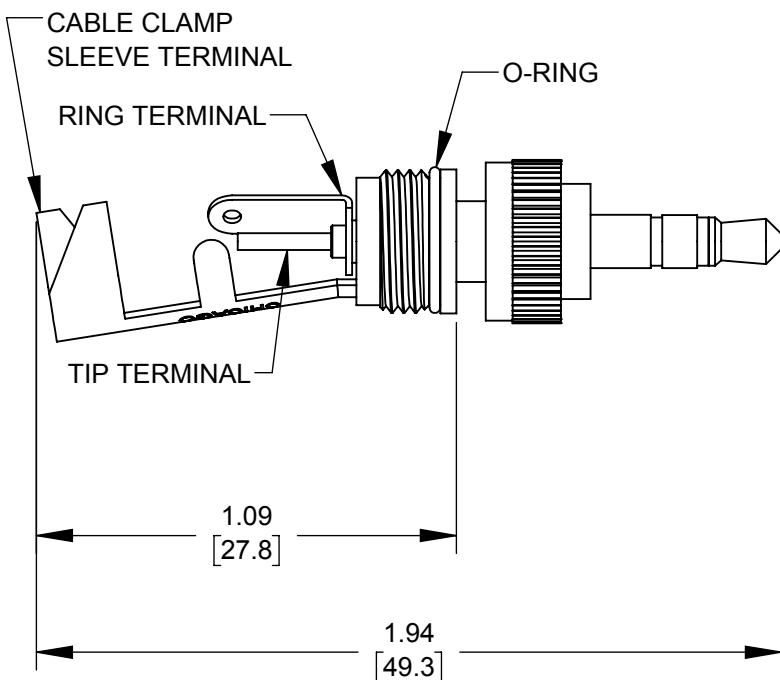
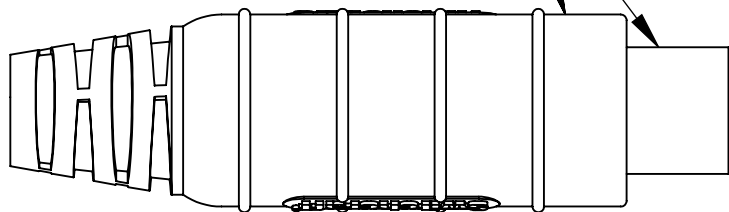


"A" REF
CABLE HOLE
SEE TABLE



OVERMOLDED HANDLE & TUBULAR INSULATOR
SHIPPED UNASSEMBLED



3 5 H D L S
LOCKING
SEALED

CABLE OD RANGE
12 - 0.125" - 0.150"
15 - 0.150" - 0.175"
17 - 0.175 - 0.210"

PLUG FINISH
N - TIN PLATED
AU- GOLD PLATED

NOTES:

1. SPECIFICATIONS:

CONTACT RESISTANCE: 20 MILIOHMS MAX.
DIELECTRIC WITHSTANDING VOLTAGE - 250 VAC MIN
INSULATION RESISTANCE @ 500 VDC - 2,000 MEGAOHMS MIN
MAX WORKING VOLTAGE - 250 VAC, 140VDC
CURRENT CARRY @ WORKING VOLTAGE - 4 AMPS
INSERT / WITHDRAWAL FORCE - TYPICAL 2.5/2 LBS
TEMPERATURE RANGE: -20°C TO 85°C (OPERATING)
PASSES IP67 & IP68 AFTER:
THERMAL SHOCK - MIL-STD-202, METHOD 107G
VIBRATION - MIL-STD-202, METHOD 201
LIFE - 5,000 CYCLES

2. MATERIALS:

PLUG BODY, TIP ROD & RING - COPPER ALLOY, TIN OR GOLD PLATED
PLUG INSULATION - THERMOPLASTIC, BLACK
RING TERMINAL - COPPER ALLOY, TIN PLATED
CABLE CLAMP - STEEL, TIN PLATED
COUPLING RING - COPPER ALLOY, NICKEL PLATED
HANDLE - COPPER ALLOY, NICKEL PLATED
OVERMOLDED THERMOPLASTIC
TUBULAR INSULATOR - MYLAR

3. THESE PRODUCTS ARE RoHS COMPLIANT.

CUSTOMER DRAWING

					UNLESS OTHERWISE SPECIFIED 1. ALL DIMENSIONS IN INCHES [mm] - TWO PLACE DECIMALS ±0.02 [0.5] - THREE PLACE DECIMALS ±0.005 [0.13]	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.										
						SIZE *	WIDTH *		MULT *		LBS/M *	TEMPER *				
						FINISH *					MATERIAL *					
						SPEC No. *					SPEC No. *					
						FIRST USED ON *				SCALE 1:1		Switchcraft®				
						DATE DRAWN	BY	CHKD		APVD						
						05/17/18	AM	*		*						
								*		*						
*		*		*	*											
REV	ECO NUMBER	DATE	BY	APVD		NAME 3.5MM LOCKING SEALED STEREO PLUG, RoHS					PART No. 35HDLS SERIES					REV 0A
REVISIONS					DO NOT SCALE DRAWING											