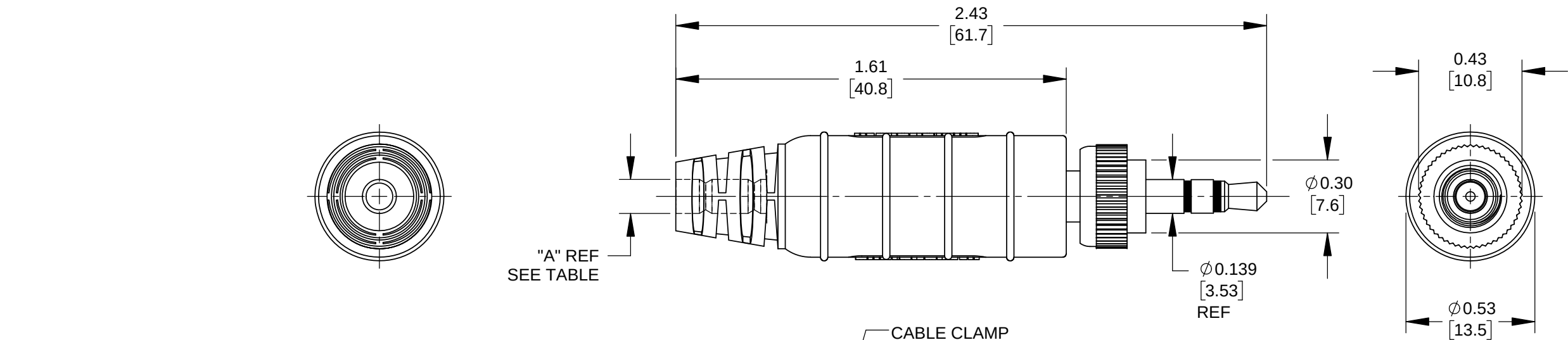
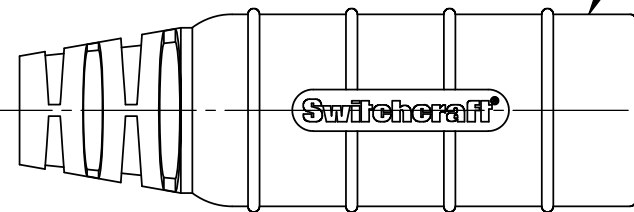




OVERMOLDED HANDLE & TUBULAR INSULATOR
SHIPPED UNASSEMBLED

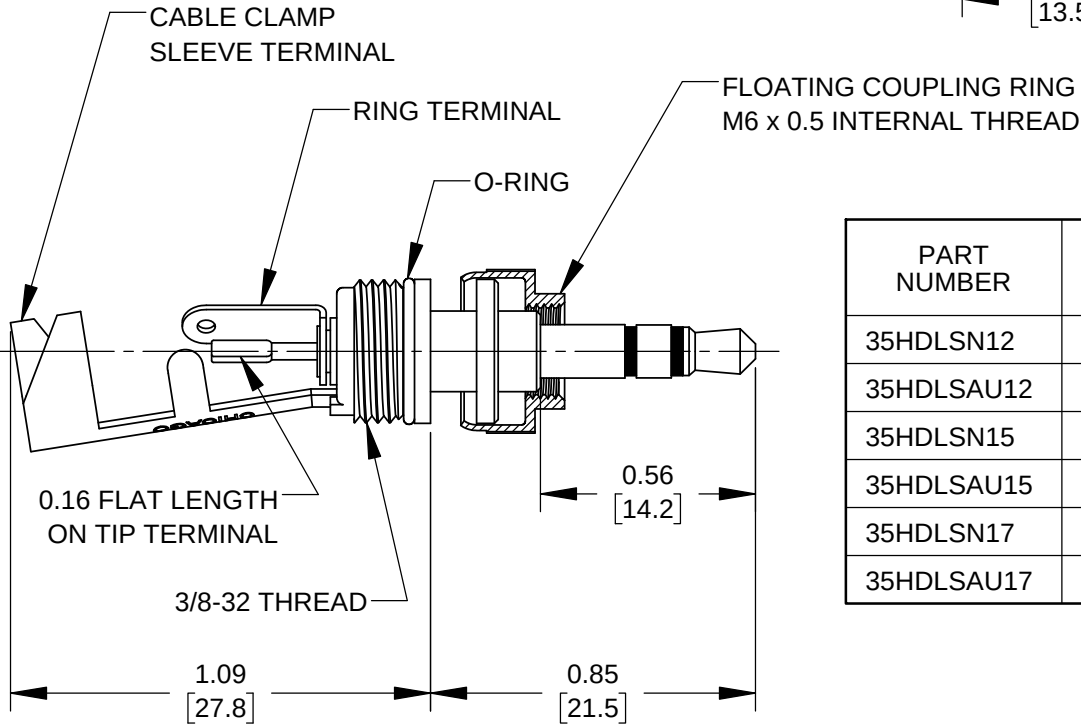


NOTES:

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
 - HANDLE OVERMOLD - THERMOPLASTIC RUBBER, BLACK
 - TUBULAR INSULATOR - MYLAR
 - O-RING - THERMOPLASTIC RUBBER

3. THESE PRODUCTS ARE RoHS COMPLIANT.



PART NUMBER	PLUG FINISH	"A" DIMENSION	CABLE DIAMETER RANGE
35HDLSN12	TIN	Ø0.140 [3.56]	0.125 - 0.150 [3.18 - 3.81]
35HDLSAU12	GOLD		
35HDLSN15	TIN	Ø0.160 [4.06]	0.150 - 0.175 [3.81 - 4.45]
35HDLSAU15	GOLD		
35HDLSN17	TIN	Ø0.190 [4.83]	0.175 - 0.210 [4.45 - 5.33]
35HDLSAU17	GOLD		

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.			
C	28192	08/19/19	PC	TJK		FIRST USED ON				SCALE 1:1		Switchcraft®			
B	28161	04/15/19	PC	TJK		DATE DRAWN	BY	CHKD		APVD					
A	28106	11/09/18	PC	TJK		05/17/18	AM	AM		TJK					
REV	ECO NUMBER	DATE	BY	APVD	NAME 3.5mm SEALED LOCKING STEREO PLUG, RoHS						PART No. 35HDLS_SERIES				REV C
REVISIONS					DO NOT SCALE DRAWING										

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Switchcraft:

[35HDLSAU12](#) [35HDLSAU15](#) [35HDLSAU17](#) [35HDLSN12](#) [35HDLSN15](#) [35HDLSN17](#) [35HDSAU12](#) [35HDSAU15](#)
[35HDSAU17](#) [35HDSN12](#) [35HDSN15](#) [35HDSN17](#)