



**SPECIFICATION:**

1. CONTACT RESISTANCE: 20 MILIOHMS MAX
2. DIELECTRIC WITHSTANDING VOLTAGE: 250 VAC MIN
3. INSULATION RESISTANCE @ 500 VDC: 2,000 MEGAOHMS MIN
4. MAX WORKING VOLTAGE: 250 VAC; 140VDC
5. CURRENT CARRY @ WORKING VOLTAGE: 4 AMPS
6. INSERT/WITHDRAWAL FORCE: TYPICAL 2.5/2 LBS
7. TEMPERATURE RANGE: -20°C TO 85°C (OPERATING)
8. THERMAL SHOCK: MIL-STD-202, METHOD 107G
9. VIGRATION: MIL-STD-202, METHOD 201
10. LIFE: 5,000 CYCLES
11. CABLE SIZE: .250 DIA MAX
12. THESE PRODUCTS ARE RoHS COMPLIANT.

**MATERIAL:**

1. TIP ROD: COPPER AALLOY, TIN OR GOLD PLATED
2. RING: COPPER AALLOY, TIN OR GOLD PLATED
3. SLEEVE: COPPER AALLOY, TIN OR GOLD PLATED
4. HANDLE: COPPER AALLOY, NICKEL PLATED OR BLACK EPOXY PAINT
5. CABLE CLAMP: C.R.S., TIN PLATED
6. TUBULAR INSULATOR: CLEAR PLASTIC

PART NUMBER	HANDLE	PLUG
35HDLNN	NICKEL	TIN
35HDLBN	BLACK	TIN
35HDLNAU	NICKEL	GOLD
35HDLBAU	BLACK	GOLD

**PRELIMINARY**

**CUSTOMER DRAWING**

					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				
							2:1				
0C	STEP LOCK NUT	10/10/08	ZS	SRC	DATE DRAWN	BY	CHKD	APVD	Switchcraft®		
0B	UPDATE	04/29/08	ZS	SRC	12/20/07	ZS	12/20/07	12/20/07			
0A	RELEASE	12/20/07	ZS	SRC			SRC	SRC			
REV	ECO NUMBER	DATE	BY	APVD	NAME				PART No.	REV	
REVISIONS					DO NOT SCALE DRAWING				3,5 MM STEREO PLUG, RoHS		35HDL SERIES_CD 0C

SolidWorks CAD File