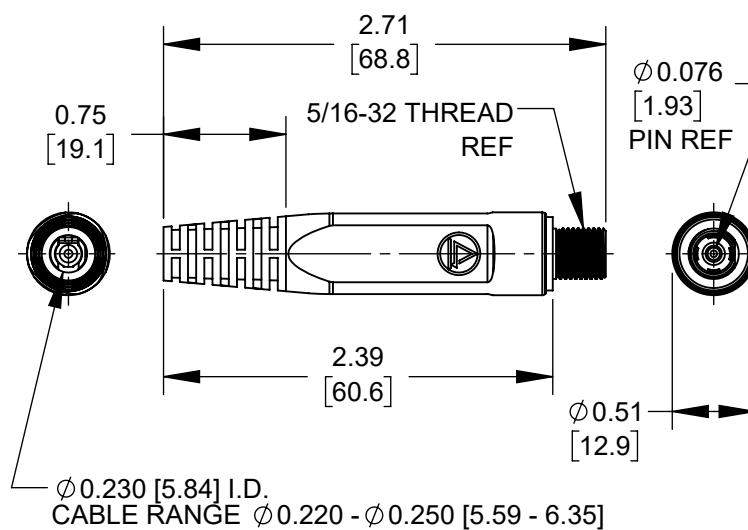
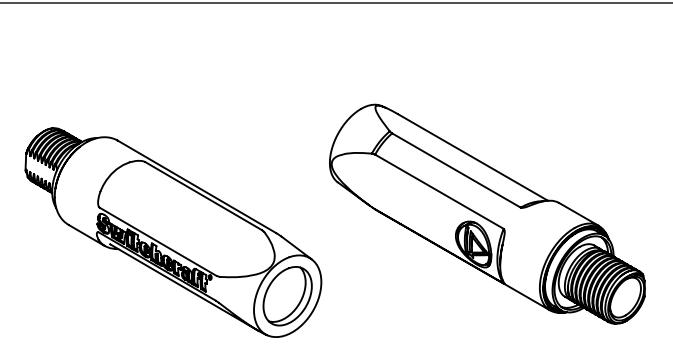


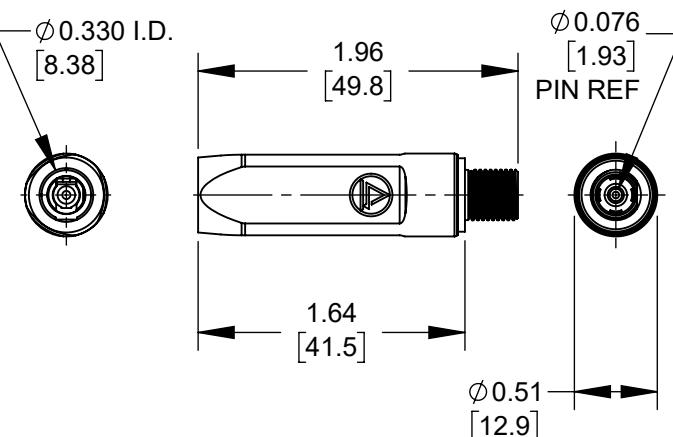
FLEX RELIEF  
HANDLE  
ST10U STYLE POWER JACK



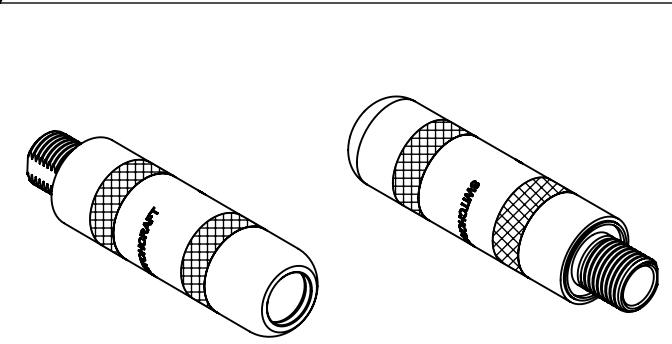
**ST10UCFL**



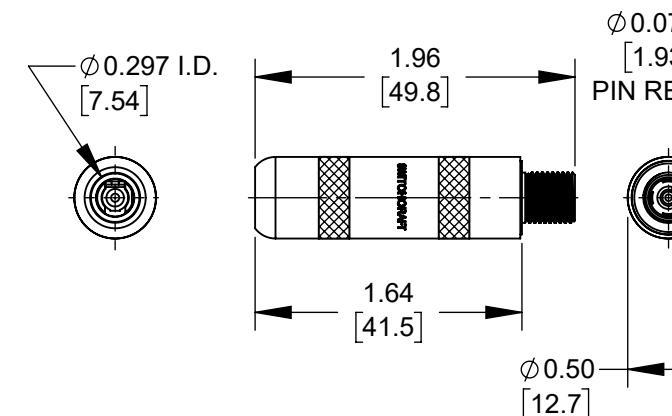
HANDLE  
ST10U STYLE POWER JACK



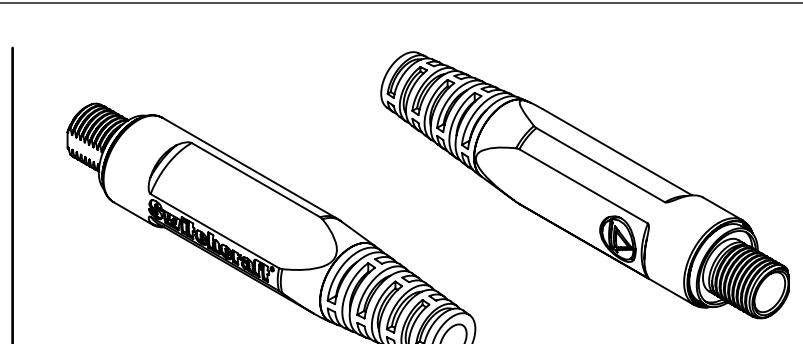
**ST10UC**



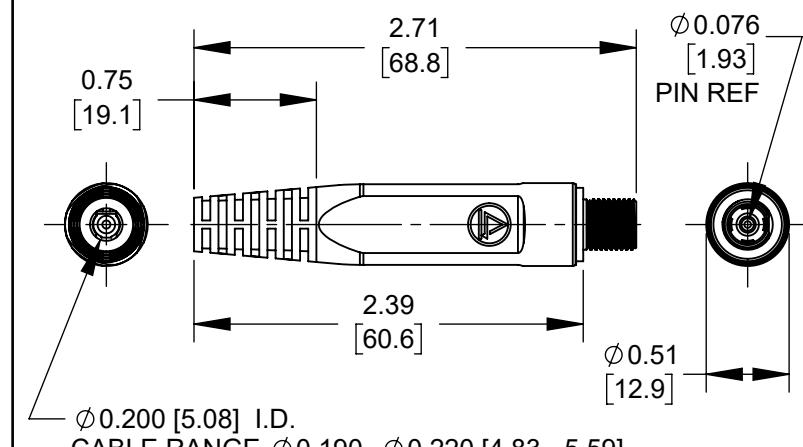
T 10581  
280 STYLE  
HANDLE  
ST10U STYLE  
POWER JACK



**ST10UC1**



FLEX RELIEF  
HANDLE  
ST10U STYLE  
POWER JACK



**ST10UCF**

**CUSTOMER DRAWING**

NOTES:

1. PARTS ARE SHIPPED UNASSEMBLED.
2. THESE ASSEMBLIES ARE RoHS COMPLIANT.
3. SEE SHEET 2 FOR SPECIFICATIONS.

					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									
					1. ALL DIMENSIONS IN INCHES [mm] - TWO PLACE DECIMALS $\pm 0.02$ [0.5] - THREE PLACE DECIMALS $\pm 0.005$ [0.13]									
B	28475	02-21-22	PC	TJK	SIZE				TEMPER					
A	ECO 27926	8-17-17	SRC	TJK	FINISH				MATERIAL					
REV	ECO NUMBER	DATE	BY	APVD	SPEC No.				SPEC No.					
REVISIONS					FIRST USED ON		SCALE	0.85:1						
12-21-16		SRC	CHKD		APVD	TJK			Switchcraft®					
12-21-16		8-17-17	SRC		12-21-16	TJK			SHEET 1 OF 2					
DO NOT SCALE DRAWING					NAME									
CABLE POWER JACK, RoHS					PART No.									
ST10UC SERIES					REV									
B														

## Mechanical Specifications

Life: Mechanical only

Vibration:

Operating Forces:

5000 cycles minimum using S10 style plugs  
Mil-Std 202G Method 201A (jack or when mated with locking plug)  
3 lb maximum insertion. 0.2 lb minimum withdrawal when using S10 type plug

## Electrical Specifications

Voltage Rating:

Current Rating:

Insulation Resistance:

Contact Resistance (initial):

24 V AC/DC  
Refer to current rating table below  
1000MΩ min. initial  
10 mΩ max

## Environmental Specifications

Operating Temperature Rating:

Insulation Resistance

Thermal Shock:

-40 °C to +105 °C (-40°F to +221°F)  
MIL-STD 202G Method 302 Condition B Only)  
MIL-STD 202G Method 107G (jack or when mated with sealed locking plug)

## Material Specifications

Handle, Housing:

Ⓐ Copper alloy, nickel plated (ST10UC1)  
Ⓑ Zinc Alloy, nickel plated (ST10UC, ST10UCF, ST10UCFL)  
Thermoplastic elastomer, black  
Thermoplastic, black  
Copper Alloy, Gold over Silver Plated  
Copper Alloy, Matte Tin Plated  
Copper Alloy, Gold over Silver Plated

Flex relief:

Insulator:

Center Pin:

Center & Shunt Terminals:

Sleeve Spring Contact:

## CURRENT CARRY WHEN MATED TO A S10 STYLE PLUG

Wire (awg)	Current Rating (Amps) at Operating Temperature (° C)			
	90° C max	95° C max	100° C max	105° C max
16	13	12	11	10
18	12	11	10	9
20	11	10	9	8

Note: AC/DC Power Plugs & Jacks are for current carry only. Do not connect or disconnect under load.  
The circuitry on-off switch should be off before connecting or disconnecting the Power Plug to Jack.

**CUSTOMER DRAWING**

SCALE 1:1	<b>Switchcraft®</b>
DATE DRAWN 12-21-16	
SHEET 2 OF 2	
DRAWN BY SRC	PART No. ST10UC SERIES
REV B	