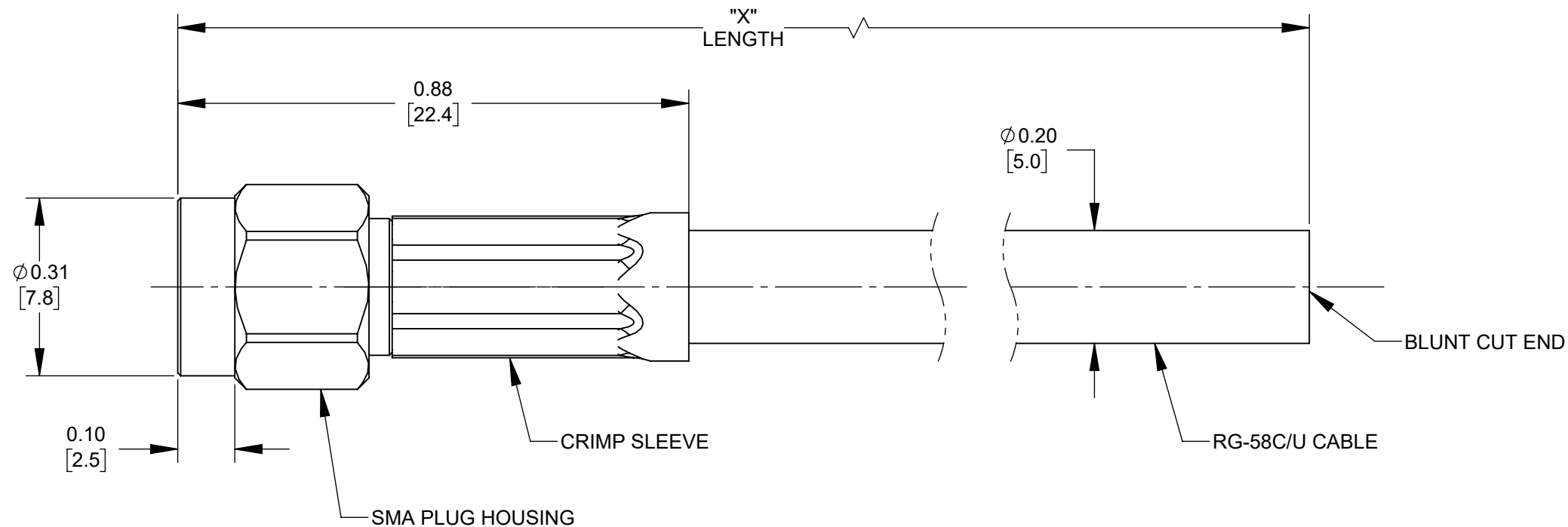
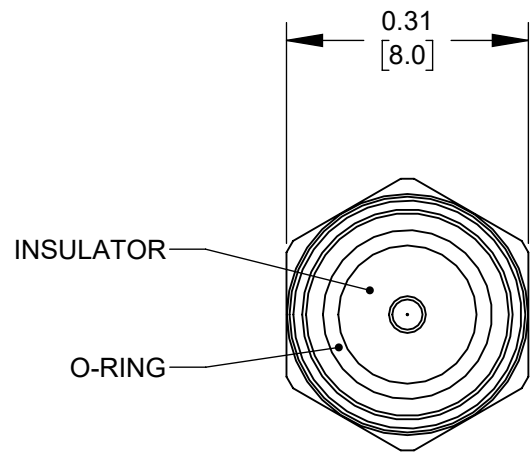




- NOTES:
- RG-58C/U CABLE SPECIFICATIONS:
CONDUCTOR MATERIAL: 20 AWG STRANDED TINNED COPPER
INSULATION: POLYETHYLENE (PE)
SHIELDING: TINNED COPPER BRAID (95% COVERAGE)
JACKET MATERIAL: PVC, BLACK
IMPEDANCE: 50 OHMS
OPERATING TEMPERATURE RANGE: -40 TO +80 °C
DIELECTRIC: PTFE
 - SMA PIN PLUG FOR RG-58C/U CABLE SPECIFICATIONS:
IMPEDANCE : 50Ω
INSULATION RESISTANCE : 1000MΩ AT DC 100V
WITHSTANDING VOLTAGE : AC 1000V (EFFECTIVE VALUE) FOR 1MIN
CENTER PIN CONTACT RESISTANCE: 3mΩ MAX AT DC 1A
FREQUENCY IN USE : 0 - 3GHZ
V.S.W.R : 1.2 MAX 1GHZ
TEMPERATURE RANGE : -55°C ~ +125°C
MATERIAL AND FINISH:
BODY, PIN, CAP - BRASS (C3604), GOLD PLATED
CRIMP SLEEVE - COPPER (C1220), NICKEL PLATED
INSULATOR - TEFLON, WHITE
SPRING WASHER: STAINLESS STEEL (SUS)
O-RING - NBR (EPDM)
 - THIS PRODUCT IS ROHS COMPLIANT.

PART NUMBER	CABLE ASSEMBLY LENGTH "X"
SMAP040RG58	40.00 ±2.00 [1.0m ±0.05]
SMAP079RG58	79.00 ±2.00 [2.0m ±0.05]

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 4:1		Switchcraft®				
						DATE DRAWN	BY	CHKD		APVD						
A	28787	1/29/26	TJK	TJK		7/31/25	PNK	PNK 7/31/25		BDS 7/31/25		SHEET 1 OF 1				
REV	ECO NUMBER	DATE	BY	APVD	NAME SMA PIN PLUG RG-58C/U CABLE ASSEMBLY, RoHS						PART No. SMAP_RG58				REV A	
REVISIONS					DO NOT SCALE DRAWING											