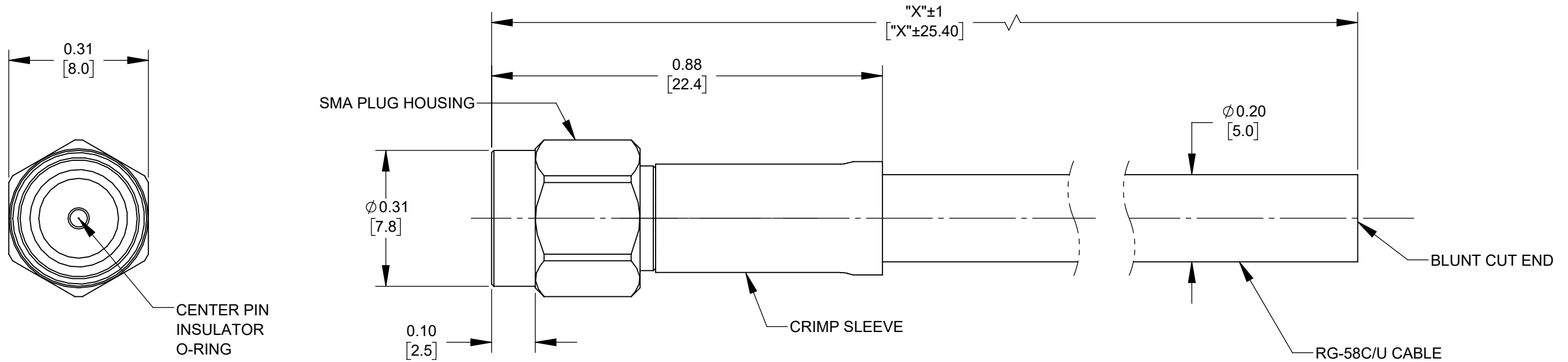


PART NUMBER	REV	CABLE ASSEMBLY LENGTH "X" ±1"
SMAP040RG58	0A	40" [1m]
SMAP079RG58	0A	79" [2m]



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
 OUTER DIAMETER: APPROXIMATELY 0.200 INCHES (5.08 mm)
 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.**

DIMENSIONS ARE FOR REFERENCE ONLY

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 SEE TABLE *	
					SPEC No. *			SPEC No. *	
					FIRST USED ON *		SCALE 4:1		
0A	P-20022C-1 PREL RELEASE	7/31/25	PNK	BDS	DATE DRAWN 7/31/25	BY PNK	CHKD PNK 7/31/25	APVD BDS 7/31/25	
REV	ECO NUMBER	DATE	BY	APVD	NAME SMA PIN PLUG RG-58C/U CABLE ASSEMBLY, RoHS		PART No. SMAP_RG58		
REVISIONS					DO NOT SCALE DRAWING				