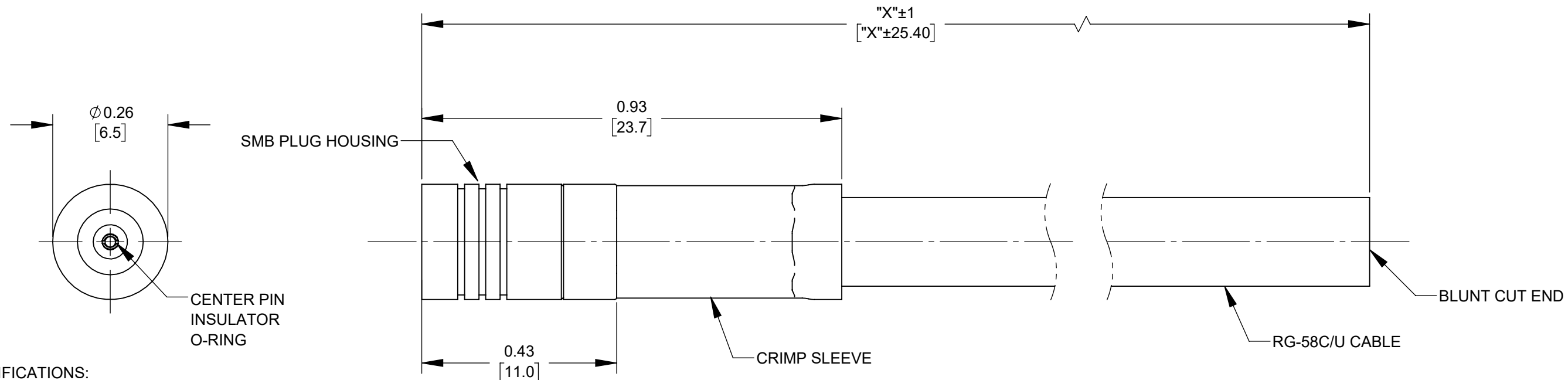


PART NUMBER	REV	CABLE ASSEMBLY LENGTH "X" ±1"
SMBS040RG58	0A	40" [1m]
SMBS079RG58	0A	79" [2m]



**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
- SMB SOCKET 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: 5mΩ MAX AT DC 1A  
 OUTER CONTACT RESISTANCE: 3mΩ MAX AT DC 1A  
 FREQUENCY IN USE : 0 - 3GHZ  
 INSERTION LOSS : 0.15 DB MIN  
 V.S.W.R : 1.2 MAX 1GHZ  
 TEMPERATURE RANGE : -55°C ~ +125°C
- MATERIAL AND FINISH:**  
 BODY, CAP - BRASS (C3604), GOLD PLATED  
 CENTER CONTACT - BECU (C1720), GOLD PLATED  
 CRIMP SLEEVE - COPPER (C1220), NICKEL PLATED  
 INSULATOR - TEFLON, WHITE  
 SPRING - BECU (C1720), GOLD PLATED
- 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				
					DATE DRAWN	BY	CHKD	APVD			
					7/31/25	PNK	PNK	BDS			
							7/31/25	7/31/25			
					NAME SMB SOCKET PLUG					PART No. SMBS_RG58	
					RG-58C/U CABLE ASSEMBLY, RoHS					REV 0A	
0A	P-20022C-1 PREL RELEASE	7/31/25	PNK	BDS							
REV	ECO NUMBER	DATE	BY	APVD							
REVISIONS					DO NOT SCALE DRAWING						