



**NOTES:**

1. PARTS ARE SUPPLIED UNASSEMBLED.
2. ELECTRICAL CHARACTERISTICS:  
 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
3. ENVIRONMENTAL:  
 TEMPERATURE RANGE : -55°C ~ +125°C
4. 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
5. WIRING INSTRUCTIONS:  
 INSERT CABLE THRU CRIMP SLEEVE,  
 STRIP ONE END OF CABLE,  
 CRIMP CONDUCTOR TO CONTACT PIN,  
 PUSH PIN AND CABLE INTO CONNECTOR HOUSING,  
 PULL CRIMP SLEEVE OVER BRAID TO REAR OF CONNECTOR,  
 HEX CRIMP SIZE: 0.213 (5.4mm)
6. THESE PARTS ARE 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 *	
					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					
REV					NAME			PART No.	
ECO NUMBER					SMB SOCKET PLUG			SMBSRG58	
DATE					FOR RG-58C/U CABLE			REV	
BY								0A	
APVD									
REVISIONS					DO NOT SCALE DRAWING				