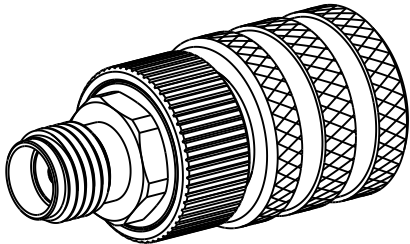


NOTES:

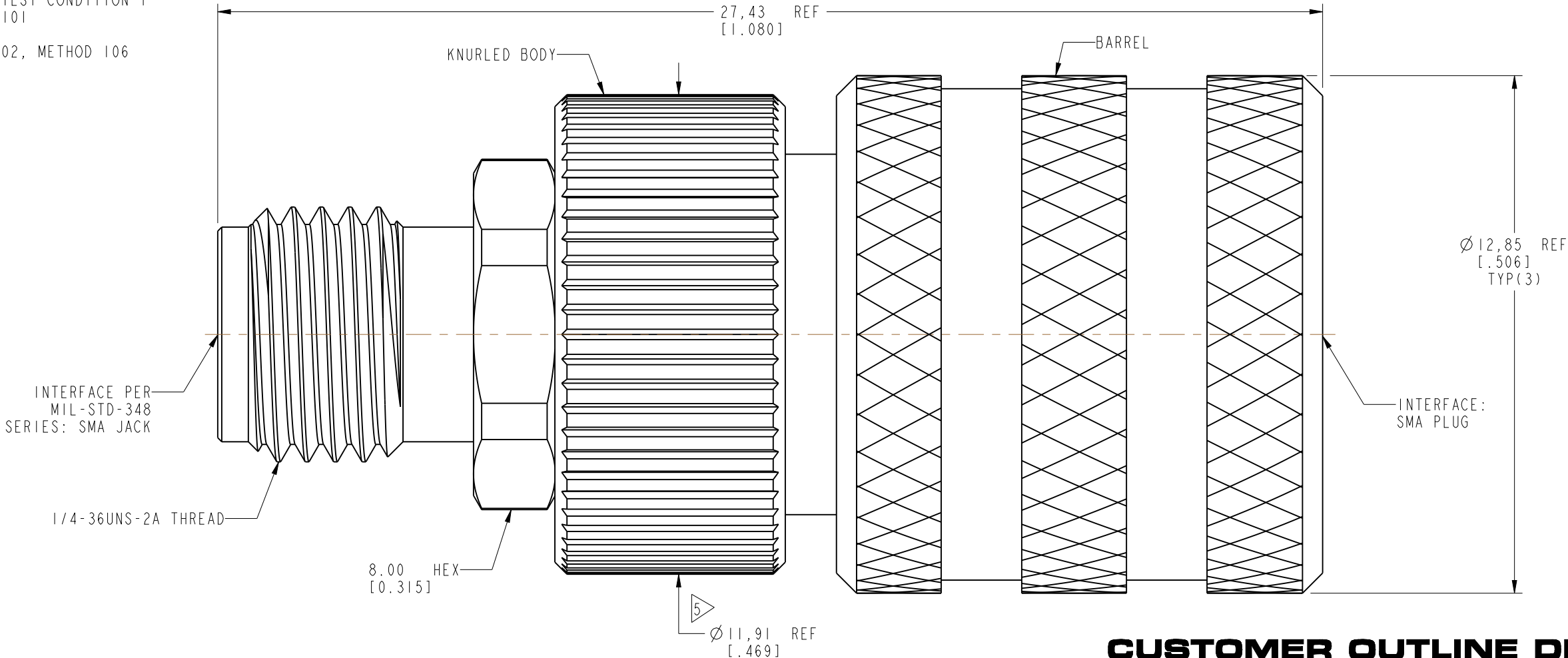
1. MATERIALS AND FINISHES:  
BODY - BRASS, GOLD PLATING  
REAR BODY, SLEEVE & BUSHING - BRASS, NICKEL PLATING  
INNER & OUTER CONTACT - BeCu, GOLD PLATING  
INSULATOR - PTFE, NATURAL  
RETAINING RING - BeCu, NATURAL  
WASHER - CARBON STEEL, NICKEL PLATING
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 18 GHz  
C. VSWR (RETURN LOSS): 1.14 MAX (-23.69 dB MIN)  
D. DWV: 1500 VRMS MIN  
E. INSERTION LOSS: 0.15 dB MAX @ 6 GHz
3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C
4. ENVIRONMENTAL:  
A. THERMAL SHOCK PER MIL-STD-202 METHOD 107  
TEST CONDITION B  
B. VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION D  
C. SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION I  
D. CORROSION: MIL-STD-202 METHOD 101  
TEST CONDITION B  
E. MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

5. INSTRUCTIONS:  
1. WHEN THE BARREL IS SNAPPED INTO THE FORWARD POSITION  
THE CONNECTOR CAN BE USED AS A STANDARD SMA PLUG. TURN THE INDICATED  
KNURLED AREA BY HAND TO FULLY MATE OR UNMATE THE THREADED INTERFACE.
2. QUICK CONNECT FUNCTION:  
A. WITH THE BARREL IN THE BACK POSITION, SLIDE THE CABLED  
ADAPTER ON TO THE JACK RECEPTACLE, OVER THE JACK THREADS  
BY PUSHING ON THE BACK OF THE KNURLED BODY.  
B. WHILE GENTLY PRESSING THE KNURLED BODY FORWARD, SNAP THE BARREL  
FORWARD TO ENGAGE THE ADAPTER WITH THE THREADS OF THE JACK  
CONNECTOR.  
C. ONCE THE BARREL IS FULLY SNAPPED FORWARD, TURN THE INDICATED KNURLED  
BODY IN ORDER TO OBTAIN THE FULLY MATED INTERFACE. A COMPLETE MATE  
CAN BE OBTAINED WITH ONE FULL TURN OR LESS.  
D. UNMATE THE ADAPTER BY SLIGHTLY LOOSENING THE THREADS BY TURNING THE INDICATED  
KNURLED BODY. THEN PULL THE BARREL INTO THE SNAPPED BACK POSITION AND REMOVE  
THE ADAPTER.
6. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 901-10565, DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	26-Nov-18	09744	BEW
B	UPDATED INSTRUCTION NOTES FOR CLARITY	18-Jan-19	10243	BEW



SCALE 2.000



## CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

<div>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: &lt;0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°</div> <div>NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.</div>	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	W.ZENG	28-Nov-18				
	REFERENCE	ENGINEER	DATE				
	EAR# 7448	S.DUAN	29-Nov-18	SMA STR JACK TO PLUG ADAPTER, QUICK CONNECT		DRAWING NO. 901-10565	
	REF: --	APPROVED	DATE	SCALE: 8.0:1.0 SHEET 2 OF 2		ITEM NO. 901-10565	
CONFIGURATION LEVEL: In Work		FIGO	29-Nov-18	DWG SIZE		REV	
FINISH		CAD FILE		B		B	
						PART NO. 901-10565	

# Mouser Electronics

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