

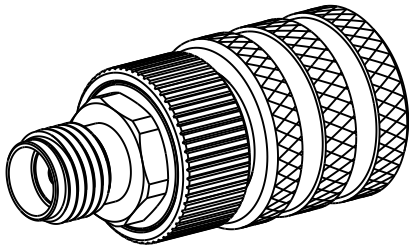
NOTES:

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
SPRING - CARBON STEEL
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

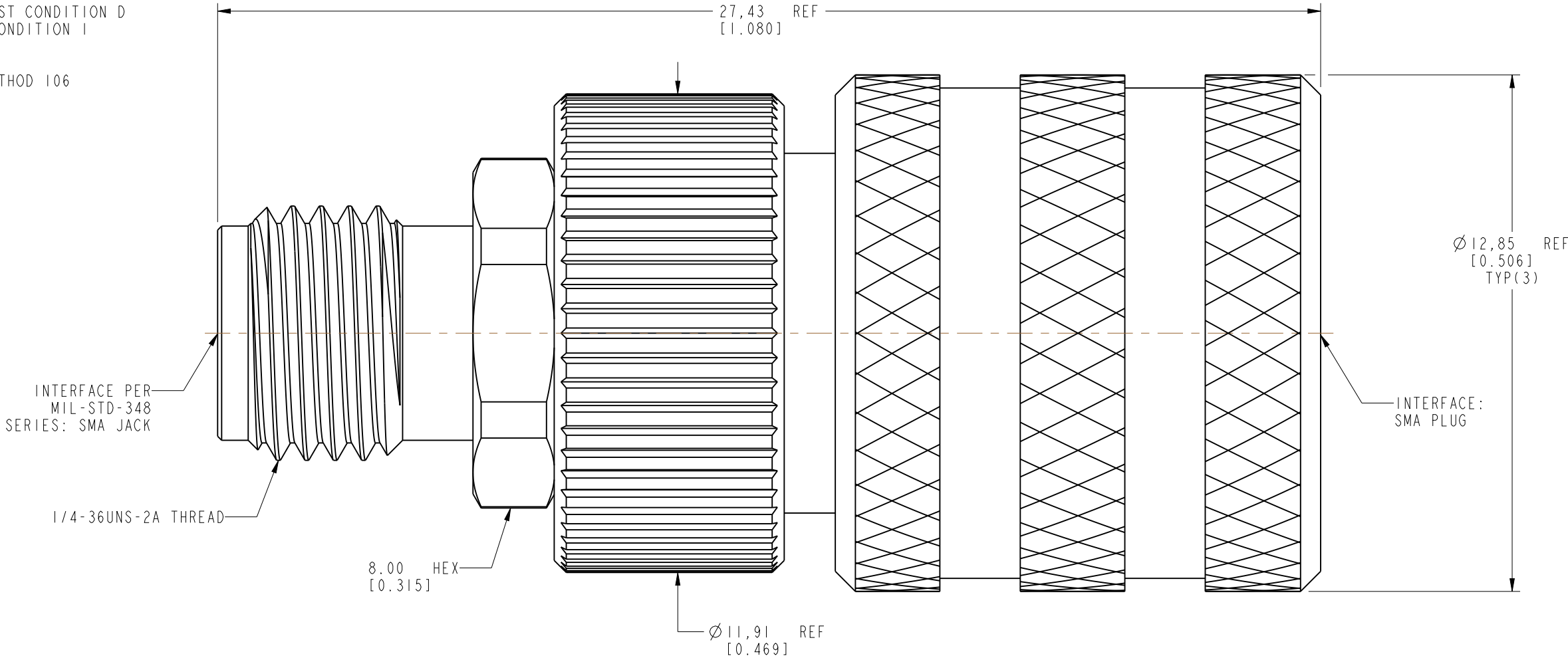
5. INSTRUCTIONS:
1. WITH SLIDER IN THE ENGAGED POSITION THE CONNECTOR FUNCTIONS LIKE A STANDARD SMA CONNECTOR. TIGHTEN (SPIN) THE KNURLED NUT BY HAND TO OBTAIN FULL MATING ENGAGEMENT OR DISENGAGEMENT.
2. QUICK CONNECT FUNCTION:
A. WITH SLIDER IN THE DISENGAGED POSITION, SLIDE THE CABLED CONNECTOR ON TO THE JACK RECEPTACLE, OVER THE JACK THREADS BY PUSHING ON THE BACK OF THE KNURLED NUT.
B. ENGAGE THE SLIDER WHILE MAINTAINING LIGHT FORWARD PRESSURE ON THE NUT. THIS ACTION IS DONE BY SLIPPING YOUR FINGERS FROM THE NUT TO THE SLIDER IN ONE MOTION.
C. ONCE THE SLIDER IS ENGAGED THE KNURLED NUT CAN BE TURNED 1 TURN OR LESS TO OBTAIN FULL MATING ENGAGEMENT PERFORMANCE.
D. DISENGAGE THE CONNECTOR BY FIRST LOOSENING THE COUPLING NUT A PARTIAL TURN. THEN DISENGAGE THE SLIDER AND REMOVE THE CONECTOR.
6. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 901-10565, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	26-Nov-18	09744	BEW



SCALE 2.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°					MATERIAL	DRAWN	DATE	TITLE SMA STR JACK TO PLUG ADAPTER, QUICK CONNECT		Amphenol RF www.amphenolrf.com	
SEE NOTES					REFERENCE	ANANDH G	24-Jan-17				
REFERENCE EAR# 7448					REF: --	ENGINEER	DATE				
B.WYMAN					APPROVED	24-Jan-17	DATE				
K.CAPOZZI					CONFIGURATION LEVEL: In Work	26-Nov-18	DATE	SCALE: 8.0:1.0 SHEET 2 OF 2		DRAWING NO. 901-10565	
FINISH						CAD FILE		DWG SIZE	REV	ITEM NO. 901-10565	
								B	A	PART NO. 901-10565	

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