

NOTES:

1. MATERIALS AND FINISHES:

SMA PLUG - BRASS  
 PROBE CONNECTOR - BRASS & BeCu  
 CABLE - RG-178 COAXIAL CABLE

2. ELECTRICAL:

A. IMPEDANCE : 50Ω

3. PROBE MECHANICAL PERFORMANCE

A. TEMP. RANGE : -40°C~+85°C  
 B. INSERTION FORCE : 30N MAX  
 C. CABLE AXIAL HOLDING FORCE : 30N MIN  
 D. DURABILITY : 5000 CYCLES MAX  
 E. WITHDRAWAL FORCE : 5N MIN. TO 40N MAX.

4. INSTRUCTIONS:

A. TO BE USED WITH SWITCH 902-9049  
 B. ALIGN PROBE AND SWITCH WITHIN 10° MAX.  
 C. DO NOT BEND CABLE WHEN TESTING

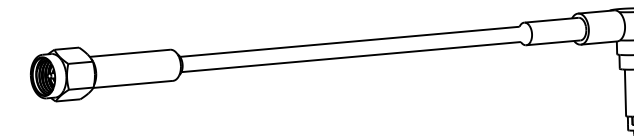
5. PACKAGING

A. QUANTITY: SINGLE PACK  
 B. MARKING : BAG TO BE MARKED  
 "AMPHENOL RF, 95-668-45097 AND DATE CODE"

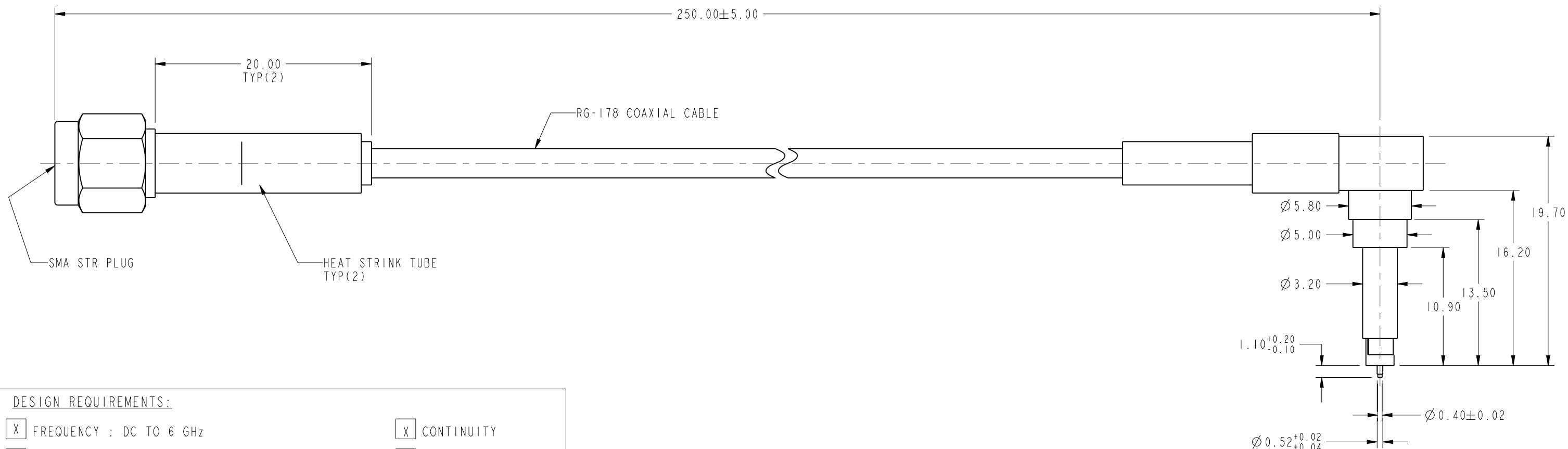
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Jan-18	6504	BMG



SCALE 0.750



DESIGN REQUIREMENTS:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> FREQUENCY : DC TO 6 GHz   | <input checked="" type="checkbox"/> CONTINUITY |
| <input checked="" type="checkbox"/> VSWR : 1.6 MAX (DC TO 3 GHz)<br>2.0 MAX (3 TO 6 GHz)            | <input type="checkbox"/> HI-POT :              |
| <input checked="" type="checkbox"/> INS. LOSS : 1.5 dB MAX (DC TO 3 GHz)<br>2.5 dB MAX (3 TO 6 GHz) | <input type="checkbox"/> OTHER                 |

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°	MATERIAL	DRAWN	DATE	TITLE SMA PLUG TO PROBE PLUG USING COAXIAL CABLE 250.00 MM LENGTH SCALE: 2.8:1.0 SHEET 2 OF 2		Amphenol RF www.amphenolrf.com	
	SEE NOTES	MOHAN	09-May-14				
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.	REFERENCE	ENGINEER	DATE	DRAWING NO. 95-668-45097 ITEM NO. 95-668-45097		PART NO. 95-668-45097	
	EAR 7770	MOHAN	09-May-14				
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE B		REV A
FINISH	K. CAPOZZI	11-Jan-18					

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