

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"

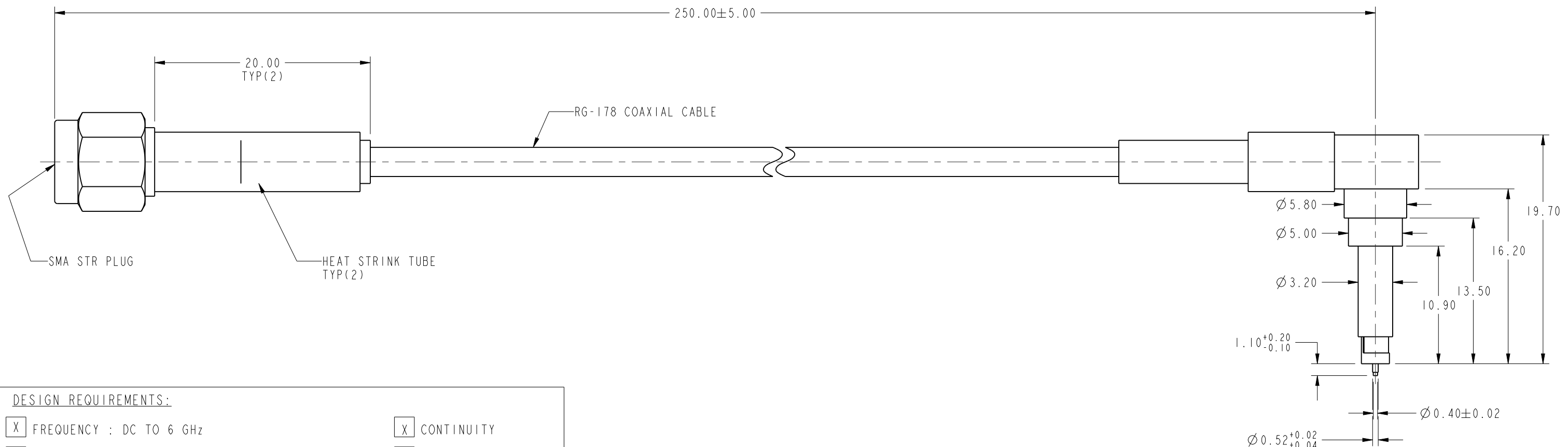
THIRD ANGLE PROJ.

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				
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	EAR 7770	MOHAN	09-May-14				
	CONFIGURATION LEVEL: In Work	APPROVED	K. CAPOZZI	DATE	DWG SIZE B		REV A
FINISH			11-Jan-18				

# Mouser Electronics

Authorized Distributor

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