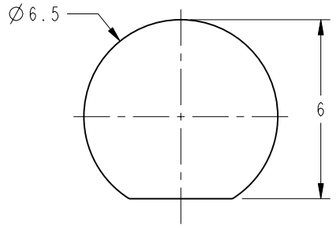
NOTES:

1. MATERIALS AND FINISHES:
   SMA JACK: BODY: BRASS, GOLD PLATING
   INSULATOR: PTFE, NATURAL
   CONTACT: BERYLLIUM COPPER, GOLD PLATING
   PROBE CONNECTOR: BODY: PHOSPHOR BRONZE, GOLD PLATING
   CONTACT: BRASS, GOLD PLATING
   CABLE - RG-178
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 3 GHz
   C. VSWR: 1.6 FROM DC - 3 GHz
   D. INSERTION LOSS: 1.6 dB FROM DC - 3 GHz
   E. DIELECTRIC WITHSTANDING VOLTAGE: 100 VRMS, MIN.
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -40° C TO +85° C
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
   "AMPHENOL, 95-668-45069-1, AND DATE CODE"

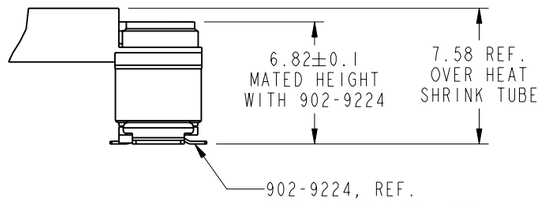
THIRD ANGLE PROJ.

REVISIONS

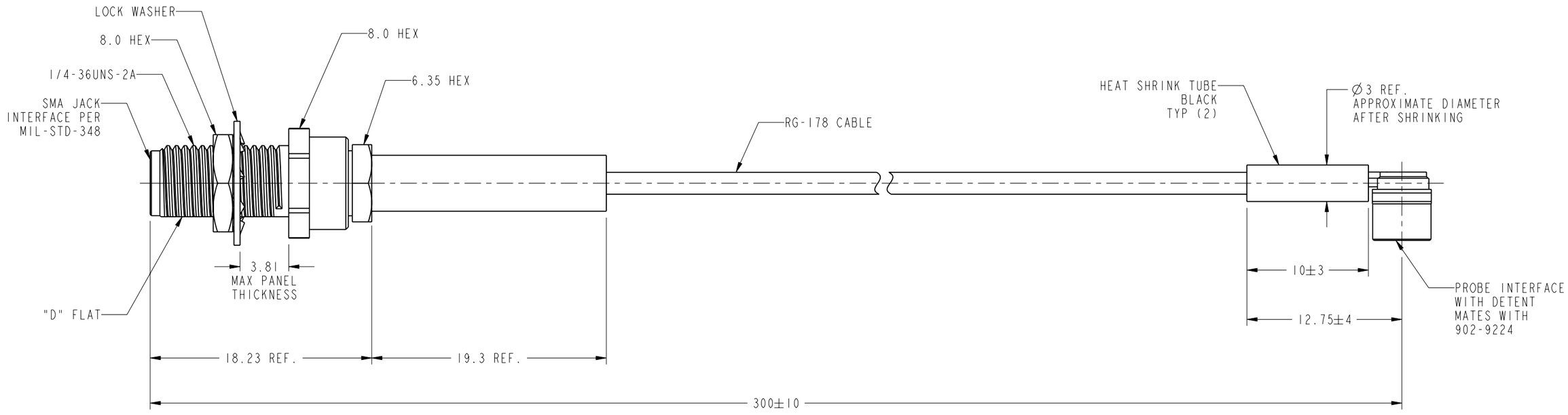
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	14-Jan-16	50881	JN



RECOMMENDED MOUNTING HOLE DIMENSIONS



MATED HEIGHT DETAIL



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°

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.

MATERIAL
SEE NOTES

REFERENCE
EAR #6992 & 095-668-45069

FINISH

DRAWN S.DUAN — DATE 14-Jan-16
ENGINEER J. NERI — DATE 29-Oct-15
APPROVED S.HSIEH — DATE 19-Jan-16
CAD FILE

TITLE
R/A PROBE
TO SMA JACK
ON RG-178

SCALE: 3.0:1.0 | SHEET 2 OF 2
DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. 95-668-45069-1
ITEM NO. 95-668-45069-1
PART NO. 95-668-45069-1

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