

1. MATERIALS AND FINISHES:
BODY - STAINLESS STEEL, PASSIVATED
HEX NUT - BRASS, NICKEL PLATING
CONTACT - BeCu, GOLD PLATING
INSULATOR - PTFE, NATURAL
GASKET - SILICONE RUBBER, RED
LOCK WASHER - PHOSPHOR BRONZE, NICKEL PLATING

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65°C TO +165°C

RECOMMENDED MOUNTING HOLE DIMENSIONS

Technical drawing of a 1/2 inch NPT x 1/2 inch NPT female adapter with a 1/2 inch NPT x 1/2 inch NPT male adapter. The drawing shows a cross-section of the adapter, which has a threaded end on one side and a flared, non-threaded end on the other. The adapter is shown in a perspective view, highlighting its cylindrical shape and the internal threading.

ES MIN.
-65°C TO +165°C

K
BE MARKED
73 AND DATE CODE"

Ø9.64 REF
[0.380]

INTERFACE PER
BNC JACK

STAMP "AMPHENOL 901-9173"

2.29 REF
[0.090]

28.58 REF
[1.125]

GASKET

15.49 REF
[0.610]

3/8-32UNEF-2A
THREAD

8.69
[0.342]
'D' FLAT

12.57 HEX
[0.495]

LOCK WASHER

3.18
[0.125]
MAX. PANEL
THICKNESS

Ø15.11 REF
[0.595]

1/4-36UNS-2A
THREAD

INTERFACE PER
SMA JACK

CUSTOMER OUTLINE DR

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

<0.5mm = ± 0.05 mm	[<0.020 = ± 0.002]
>0.5 - 6mm = ± 0.1 mm	[>0.020 - 0.236 = ± 0.004]
>6.00 - 30mm = ± 0.2 mm	[>0.236 - 1.181 = ± 0.008]
>30.00 - 120mm = ± 0.3 mm	[>1.181 - 4.725 = ± 0.012]

ENGINEER
O.BARTHELMES

DATE
12-JUN-20

SHEET NO. 2 OF 2

SCALE: 9.0:1.0

SIZE B	DRAWING NO.	901-9173
	ITEM NO.	901-9173
	PART NO.	901-9173

REV
B

THIRD ANGLE PROJ.



REFERENCE

EAR#
111-981770-56