

NOTES:

1. MATERIALS OF CONSTRUCTION:

N BODY - BRASS, WHITE BRONZE
P-SMP BODY - BERYLLIUM COPPER, GOLD PLATING
CONTACT PIN - BERYLLIUM COPPER, GOLD PLATING
INSULATOR - PTFE, NATURAL

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL
B. FREQUENCY RANGE: DC - 10 GHz
C. RETURN LOSS(VSWR): 35 dB MIN.@ DC-4 GHz
26 dB MIN.@ 4-10 GHz
D. INSERTION LOSS: 0.05X $\sqrt{f(\text{GHz})}$ dB MAX.
E. POWER HANDLING: 200W MAX.@ 2.2 GHz AT 20°C
F. INTERMODULATION(3rd order): 160 dBc MIN..@ 2X43 dBm
G. D.W.V: 1000 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: N JACK SIDE : 500 CYCLES MIN.
P-SMP JACK SIDE: 100 CYCLES MIN WHEN MATED WITH FULL DETENT PLUG
100 CYCLES MIN WHEN MATED WITH LIMITED DETENT PLUG
1000 CYCLES MIN WHEN MATED WITH A SMOOTH BORE PLUG
B. TEMPERATURE RANGE: -55°C TO +155°C

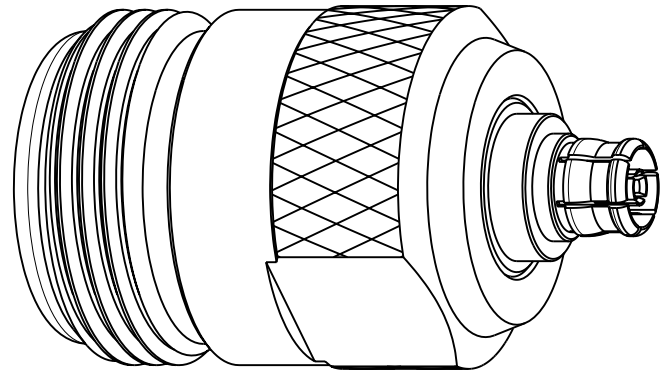
4. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, AD-NJ-PSMPJ-1, AND DATE CODE"

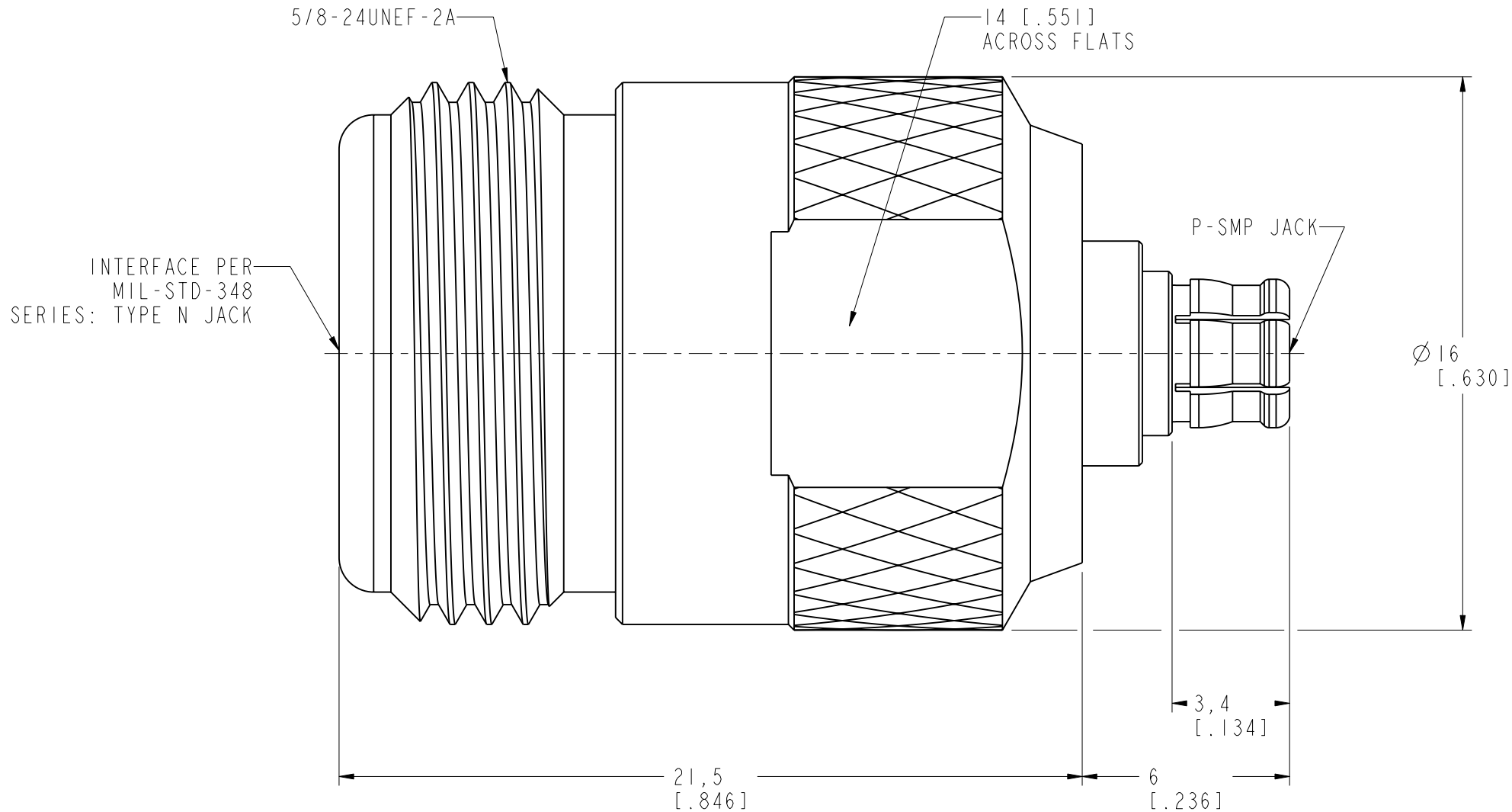
THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	16-May-18	08102	BEW



SCALE 3.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°

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MATERIAL

-

DRAWN
M. ZHANG

DATE
16-May-18

ENGINEER
M. ZHANG

DATE
28-Jan-16

REFERENCE

AND ---

APPROVED
S. HSIEH

DATE
16-May-18

CONFIGURATION LEVEL: In Work

CAD FILE

FINISH

TITLE
P-SMP JACK TO 50Ω
TYPE N JACK ADAPTER

SCALE: 6.0:1.0 SHEET 2 OF 2

DWG SIZE
B

REV
A

Amphenol RF

www.amphenolrf.com

DRAWING NO. AD-NJ-PSMPJ-1

ITEM NO. AD-NJ-PSMPJ-1

PART NO. AD-NJ-PSMPJ-1