

NOTES:

I. MATERIALS AND FINISHES:

BODY - BRASS, WHITE BRONZE PLATING
INNER CONDUCTOR - BRASS, SILVER PLATING
HEX NUTS - BRASS, NICKEL PLATING
INSULATOR - PTFE

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 3.0 GHz
- C. VSWR(RETURN LOSS): 1.1 (-26 dB), MAX.
- D. INSERTION LOSS: 0.1 dB, MAX.
- E. PIM: -160 dBc, MAX.
- F. INSULATION RESISTANCE: 5000 M OHM, MAX.
- G. PROOF VOLTAGE: 2500 V
- H. INNER CONDUCTOR RESISTANCE: 0.2 m OHM, MAX.
- I. OUTER CONDUCTOR RESISTANCE: 0.8 m OHM, MAX.

3. MECHANICAL:

A. 7/16 HEX NUT TORQUE: 25 Nm
B. N HEX NUT TORQUE: 5 Nm
C. DURABILITY: 500 CYCLES, MIN.

4. ENVIRONNEMENT

A. TEMPERATURE RANGE: -55° C TO 155° C
B. WEATHER STANDARD: IEC 60068 55/155/56
C. THERMAL SHOCK: US MIL-STD 202, METH.107, COND.B
D. VIBRATION: US MIL-STD 202, METH.204, COND.B
E. SHOCK: US MIL-STD 202, METH.213, COND.1
F. ROHS COMPLIANT

5. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, APH-716M-NM, AND DATE CODE"

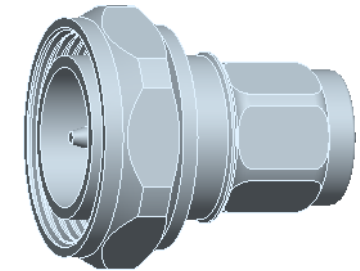
THIRD ANGLE PROJ. 

REVISIONS

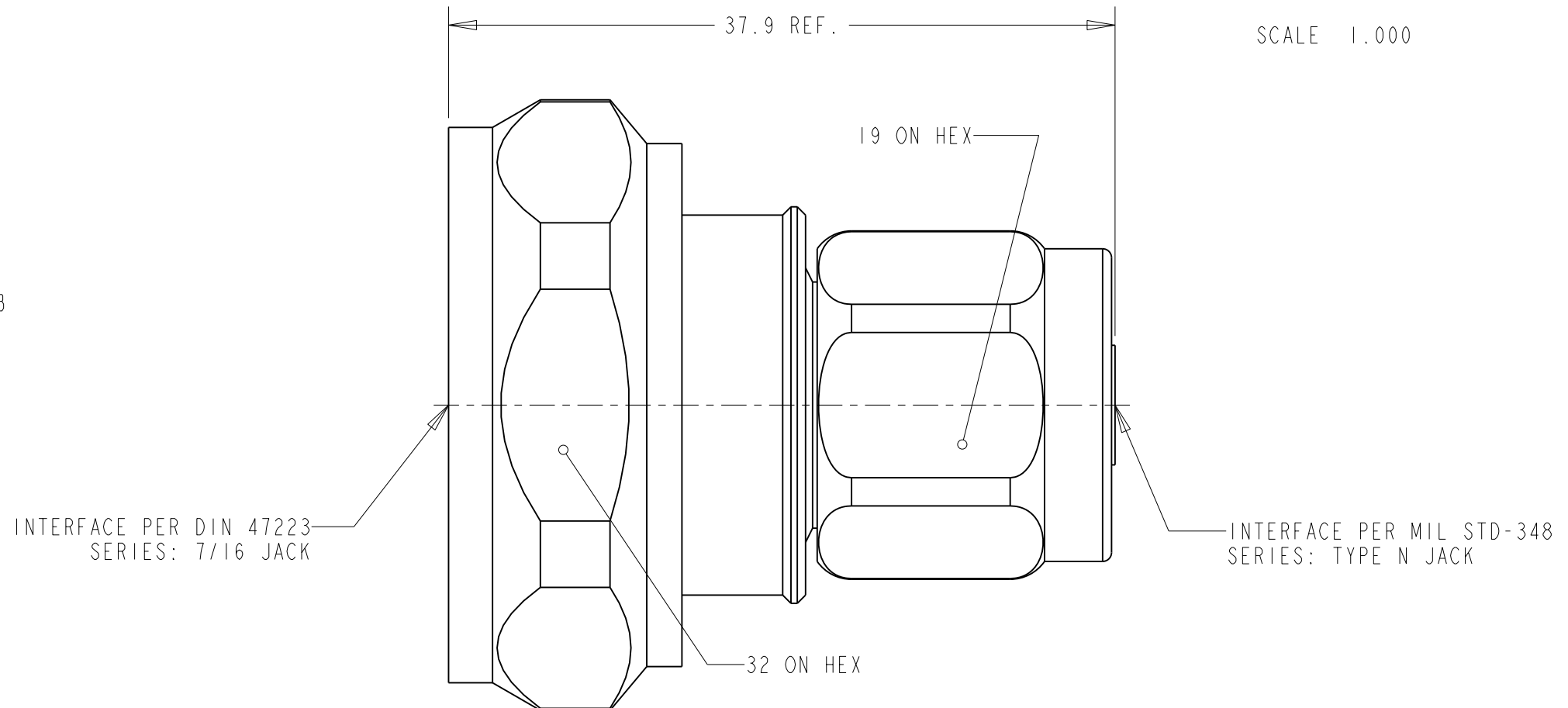
REV	DESCRIPTION	DATE	ECO	APPR
A	OFFICIAL ENG. RELEASE TO MFG.	6-27-97	42028	ORB
B	REDRAWN IN PRO-E	7/6/10	48114	MJN

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY



SCALE 1.000



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°

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MATERIAL	SEE NOTES
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	CE

DRAWN M. NAPLES	DATE 19-May-10
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ENGINEER	DATE
M.NAPLES	19-May-10

APPROVED	DATE
K. CAPOZZI	7/6/10

CAD FILE
/APH-716M-NM

TITLE
ASSEMBLY
716 MALE TO TYPE N
MALE ADAPTER

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

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. APH-716M-NM

ITEM NO. APH-716M-NM

PART NO. APH-716M-NM