

NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, COPPER-TIN-ZINC 2µm
CONTACT - SPRING COPPER, Ag5µm
INSULATOR - PTFE, NATURAL

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR: 1.05 MAX. @ DC - 2 GHz
1.10 MAX. @ 2 - 4 GHz
1.15 MAX. @ 4 - 6 GHz
D. INSERTION LOSS: 0.10 dB MAX.
E. PIM : -165 dBc MIN.
F. INSULATION RESISTANCE: 5000 MΩ MIN.
G. DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS, MIN.
H. CONTACT RESISTANCE: OUTER CONTACT 0.2 mΩ MAX.
INNER CONTACT 0.8 mΩ MAX.

3. MECHANICAL:
A. RETENTION: 5.88 N MAX. (7/16 CONNECTOR)
0.56 N MAX. (N CONNECTOR)
B. DURABILITY: 500 CYCLES MIN.

4. ENVIRONMENTAL:
A. TEMPERATURE RANGE: -40°C TO +85°C
B. THERMAL SHOCK: US MIL-STD 202,Meth.107,COND.B
C. VIBRATION: US MIL-STD 202,Meth.204,COND.B
D. SHOCK: US MIL-STD 202,Meth.213,COND.1
E. WEATHER STANDARD: IEC 68 40/85/21
F. ROHS COMPLIANT.

5. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 242137 AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
--	RELEASE TO MFG.	--	--	--
C	NOTES UPDATED, ISOMETRIC VIEW ADDED & LOW PIM ADDED IN DESCRIPTION	01-Oct-12	2386	KR
D	36.40 WAS 33.60, NOTES & FORMAT UPDATED	05-Sep-19	12821	VR

36,40 REF
[1.433]

24.00 REF
[0.945]
ACROSS FLATS

5/8-24UNEF-2A THREAD

Ø26,54 REF
[1.045]

M29XP1.5 6g
THREAD

INTERFACE PER
IEC60169-4
SERIES: 7/16 JACK

INTERFACE PER
IEC60169-16
SERIES: N JACK

SCALE 1.300

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°	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	KARTHIK R	01-Oct-12				
	REFERENCE	ENGINEER	DATE	7/16 STR JACK TO N JACK ADAPTER LOW PIM		DRAWING NO. 242137	
	EAR#	KARTHIK R	01-Oct-12			ITEM NO. 242137	
	REF:	APPROVED	DATE	SCALE: 5.5:1.0 SHEET 2 OF 2		PART NO. 242137	
	CONFIGURATION LEVEL: In Work	K.CAPOZZI	05-Sep-19	DWG SIZE		REV	
	FINISH	CAD FILE		B		D	

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