

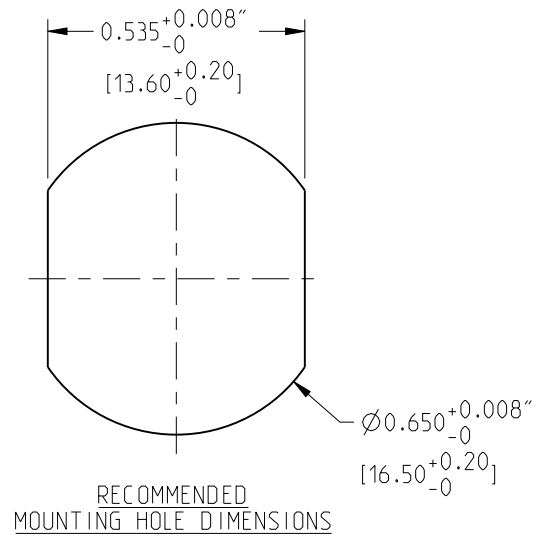
NOTE:

- 1. ELECTRIC PERFORMANCE
  - IMPEDANCE ( $\Omega$ ) : 50
  - FREQUENCY RANGE : DC-6 GHz
  - VSWR :  $\leq 1.065$  (DC-3GHz)
  - :  $\leq 1.25$  (3-6GHz)
  - INSERT LOSS (dB) :  $\leq 0.1$
  - PIM (dBc) :  $\leq -160$  (2X43dBm)
  - INSULATION RESISTANCE ( $M\Omega$ ) : >5000
  - PROOF VOLTAGE (V) : 2500
  - CONDUCTOR RESISTANCE ( $m\Omega$ ) : OUTER CONDUCTOR <0.2
  - INNER CONDUCTOR <0.8

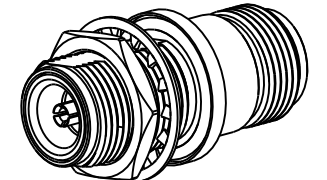
- II. MECHANICAL PERFORMANCE
  - MECHANICAL WEAR : 500
  - NUT TORQUE : 5N.m

- III. MATERIAL AND PLATING
  - INNER CONDUCTOR : SPRING COPPER PLATING Ag5  $\mu$ m
  - OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2  $\mu$ m
  - NUT : BRASS PLATING COPPER-TIN-ZINC 2  $\mu$ m
  - SPRING WASHER : SPRING COPPER PLATING COPPER-TIN-ZINC 2  $\mu$ m
  - INSULATION : PTFE
  - O-RING : SILICON RUBBER

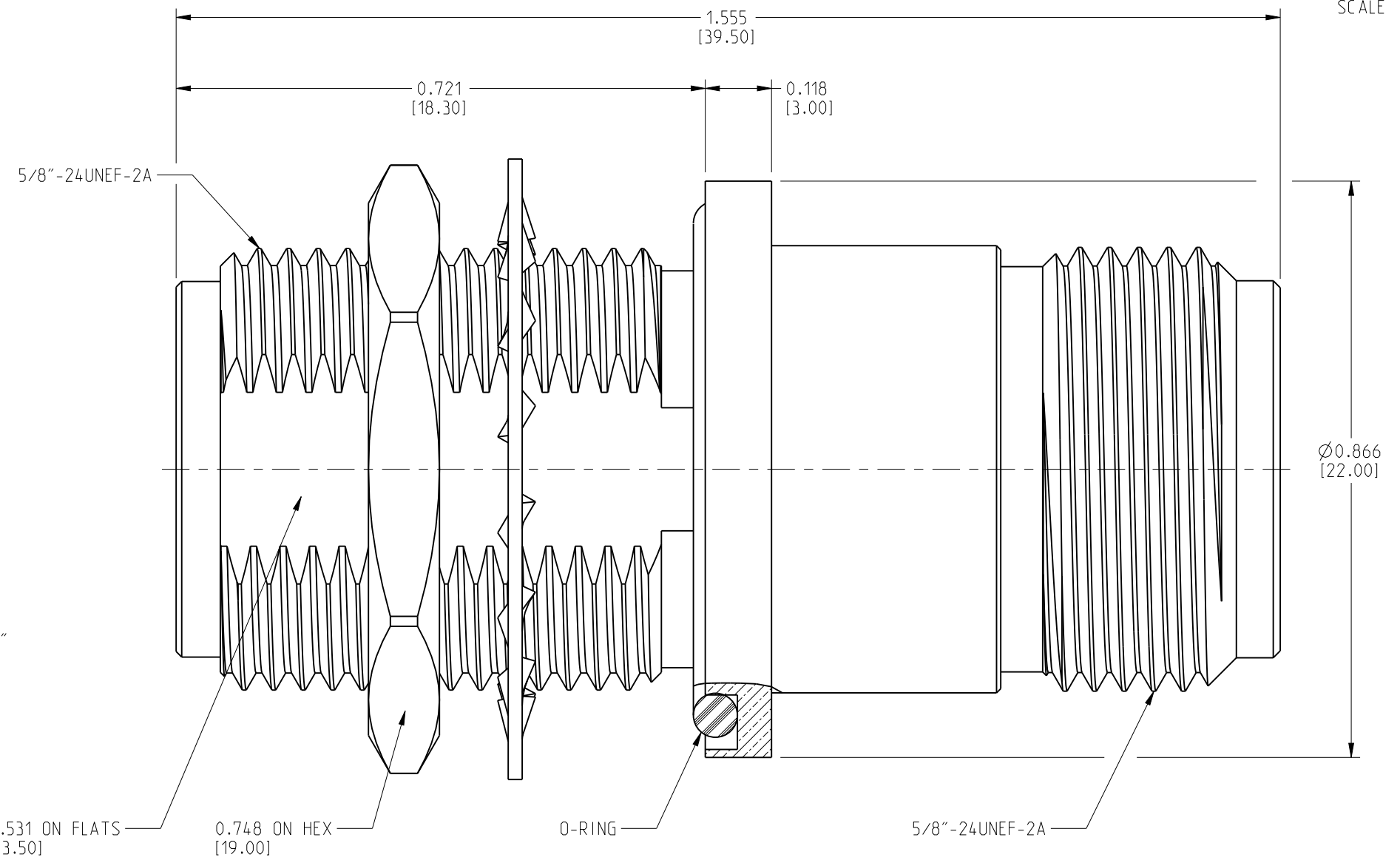
- IV. ENVIRONMENT
  - TEMP RANGE : -55°C TO +155°C
  - WATERPROOF STANDARD : IP67
  - ROHS COMPLIANT



172371		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	01-Oct-12	--	MG



SCALE 1.000



6	LOCK WASHER	SPRING COPPER	WHITE BRONZE	1
5	INSULATOR	PTFE	NATURAL	1
4	O-RING	SILICONE RUBBER		1
3	NUT	BRASS	WHITE BRONZE	1
2	OUTER CONDUCTOR	BRASS	WHITE BRONZE	1
1	INNER CONDUCTOR	SPRING COPPER	SILVER	1
NO	DESCRIPTION	MATERIAL	FINISH	QTY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm)    3 PLACE DECIMAL ±.005 (0,127 mm)    ANGLES ± 1°	MATERIAL	DRAWN	DATE	TITLE N FEMALE TO N FEMALE BULKHEAD ADAPTER, LOW PIM	Amphenol Connex
	SEE NOTES	GOPI M	01-Oct-12		
	REFERENCE	ENGINEER	DATE		
		GOPI M	01-Oct-12		
	APPROVED	DATE		SCALE: 5.0:1	SHEET 1 OF 1
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