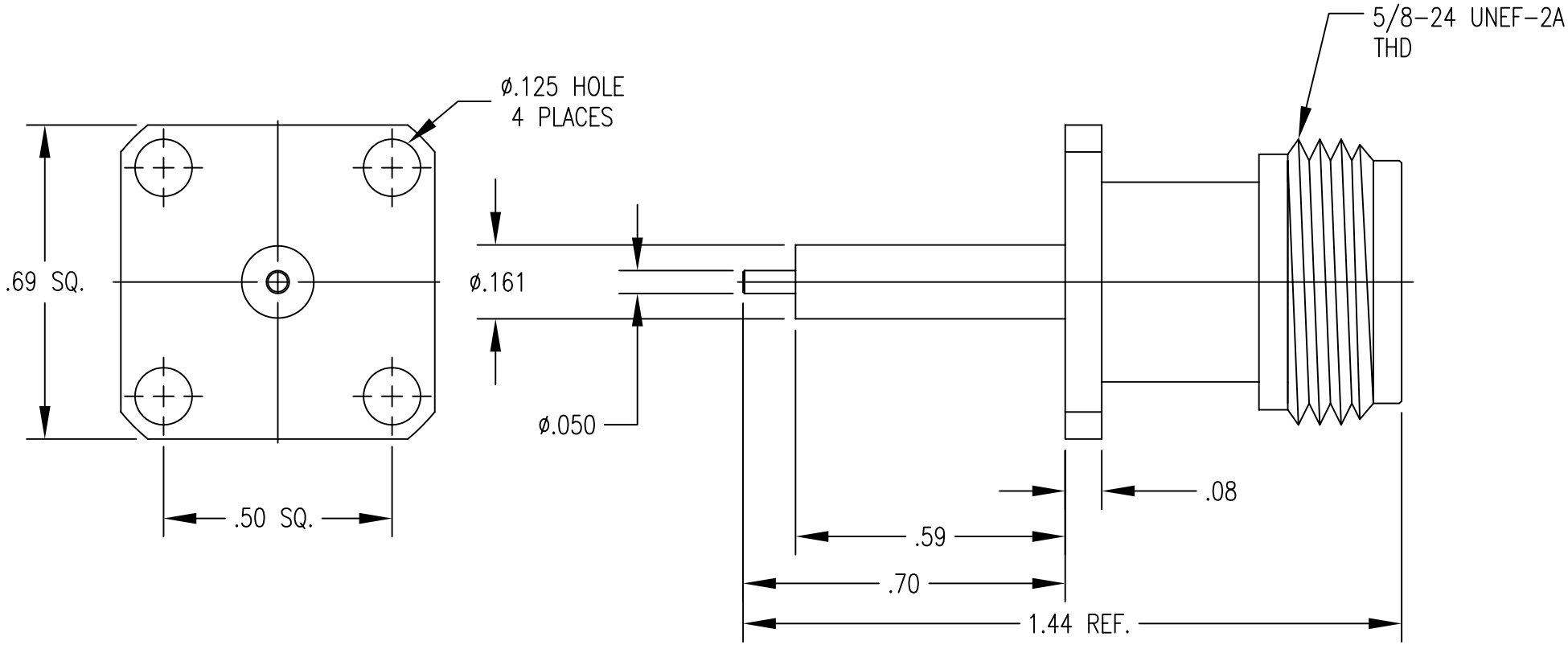
1.0 PERFORMANCE
1.1 FREQUENCY RANGE: SEE TABLE
1.2 VOLTAGE RATING: 1000V RMS (sea level)
1.3 NOMINAL IMPEDANCE: 50 OHMS
1.4 DWV: 2500V RMS @ 60Hz (sea level)
1.5 TEMPERATURE RANGE: −65°C TO +165°C
2.0 MATERIALS
2.1 DIELECTRIC: TEFLON, ASTM−D−1710
2.2 CENTER CONTACT: BeCu, ASTM−B−196
2.5 ALL OTHER METAL PARTS: BRASS, ASTM−B−16
3.0 FINISHES
3.1 CENTER CONTACT: SEE TABLE
3.2 ALL OTHER METAL PARTS: SEE TABLE
4.0 MECHANICAL
4.1 INTERFACE IN ACCORDANCE WITH MIL−STD−348

DWG NO. OL−0406−214−1 REV. B

PLATING VARIATIONS

PART NUMBER	FREQUENCY RANGE	BODY	CONTACT
0406−214	DC−11 GHz	NICKEL	SILVER
0406−214 AL/SI	DC−11 GHz	ALBALOY	SILVER
0406−214−NG	DC−11 GHz	NICKEL	GOLD
0406−214−HF−NG	DC−18 GHz	NICKEL	GOLD
0406−214−AG	DC−11 GHz	ALBALOY	GOLD

DO NOT SCALE DRAWING



Rev.	Revisions	Disp.	Date	Dwn.	Appd.
B	ADD PLT. CHART & FREQ. RANGE	NEW	12/30/04	RF	FSH
A	ORIGINAL	NEW	1/25/02		

Ref.: | REMOVE ALL BURRS AND SHARP EDGES .005 MAX. | INTERPRET PER ASME Y14.5M−1994

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UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES.
ALL DIMENSIONS ARE AFTER PLATING.
.XXX= ±.005 ALL MACHINED SURFACES 63 MAX.
.XX= ±.01 ANG.±1/2° FRACTIONAL= ±1/64
◎ .004 MAX. TIR. ⊥ AXIS .001

THIRD ANGLE PROJECTION

DWN	JMB	1/22/02
CHKD	SJS	1/24/02
APPR	JO	2/11/02

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TITLE N PANEL RECEPTACLE STRAIGHT .69 FLANGE, EXTENDED POST, (HIGH FREQUENCY)

MATERIAL: SEE NOTE 2.0
FINISH: SEE NOTE 3.0
CAGE CODE: 50896
SCALE X:X
DWG NO. OL−0406−214−1 REV. B