

5

4

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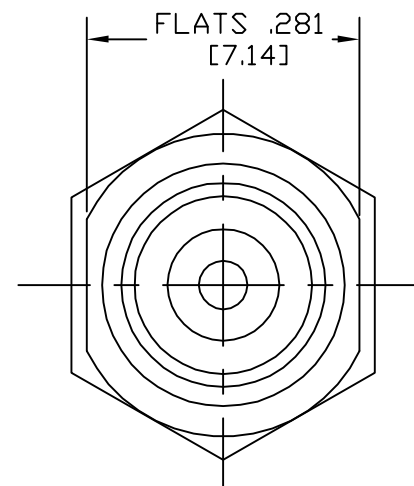
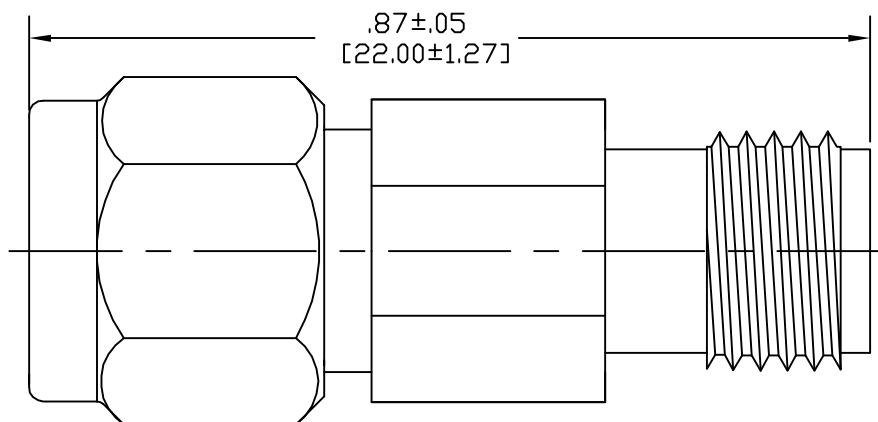
1

**PRODUCTION
RELEASE**

NOTE:
THIS DRAWING INCORPORATES
THIRD ANGLE PROJECTION.
INTERPRET IAW ANSI Y14.5-1982

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
B1	26.5 - 40GHz	1/19/11	TAK



M07
NOTES:

1. MATERIAL:
HOUSING: STAINLESS STEEL IAW ASTM-A484 & ASTM-A582,
ALLOY 303, COND A
CONTACT: BERYLLIUM COPPER
DIELECTRIC - HIGH TEMPERATURE PLASTIC BEAD

2. FINISH:
HOUSING - PASSIVATED STAINLESS STEEL
CONDUCTOR - GOLD PLATED IAW MIL-PRF-39012

3. ELECTRICALS:
FREQUENCY RANGE DC - 40GHz
AVAILABLE dB VALUES 0 - 6, 8, 10, 15, 20 & 30 dB

ATTENUATION ACCURACY DC - 26.5GHz 26.5 - 40GHz
0 - 6, 8 dB ±0.5dB ±0.8dB
10, 15 & 20 dB ±0.6dB ±1.0dB
30 dB ±0.8dB ±1.0dB

VSWR (Max) DC-18 GHz 18 - 40GHz
<1.30 <1.40

POWER (AVG) @25°C SEE TABLE
Derates linearly to 10% at +125°C

IMPEDANCE 50 OHMS

OPERATING TEMPERATURE RANGE °C -55 to +125

4882-6X40-dB	POWER LEVEL
X = 0	0.5 WATT
X = 1	1 WATT
X = 2	2 WATT

DRAWING PRACTICES PER ANSI-Y-14.5
MIL-STD-100 & 300
DIMENSIONS ARE IN INCHES AND
APPLY BEFORE/AFTER PROCESSING

SURFACE
ROUGHNESS
INCHES
63 ✓

FINISH
SEE NOTES

MATERIAL
SEE NOTES

UNLESS OTHERWISE SPECIFIED

TOLERANCES IN:
DECIMALS INCH DIM

.X" .03" [.76]
.XX" .010" [.25]
.XXX" .005 [.127]
.XXXX" .0005" [.013]

ANGLES ±0°30'

REMOVE ALL BURRS/SHARP W/
BREAK / R OF .003" TO .0005"

UNLESS OTHERWISE NOTED
DIAS CONCENTRIC <.003 T.I.R.

DRAWN T. KUHN DATE 6/12/07
CHECKED DATE

ENGINEER APPR. T. KUHN DATE 5/13/09

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Powered by:

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TITLE
2.92 mm, M/F, ATTENUATOR,
DC-40GHz

SIZE	CAGE CODE	DRAWING NUMBER
B	3HT76	4882-6X40-dB
SCALE 8:1	PLATE AREA SQ. IN XXX	SHEET 1 OF 1

BCS1