

SPECIFICATIONS

ELECTRICAL

FREQ. RANGE _____ DC TO 18 GHz
 VSWR _____ <1.15
 POWER, PEAK OR AVG. _____ <50 WATTS CW / <2 kW PEAK
 OPERATING TEMP RANGE _____ -65 to +125 °C

MECHANICAL

CONNECTORS OUTER _____ PASSIVATED STAINLESS STEEL
 IAW ASTM-A582, Alloy 303,
 COND. A

CENTER CONDUCTOR _____ GOLD PLATED (ASTM-B488/MIL-PRF-39012)
 BeCu IAW ALLOY C17200 OR C17300 IAW
 ASTM B196

CONNECTOR DIELECTRIC _____ TEFLON IAW ASTM-D1710

>500 MATING/DEMATING CYCLES

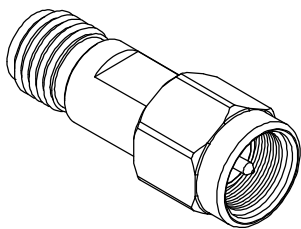
AVAILABLE IN GOLD PLATED HOUSING IAW MIL-PRF-39012 (SUFFIX -00 INSTEAD OF -02)

100% RF TESTED FOR S11, S22, AND S21

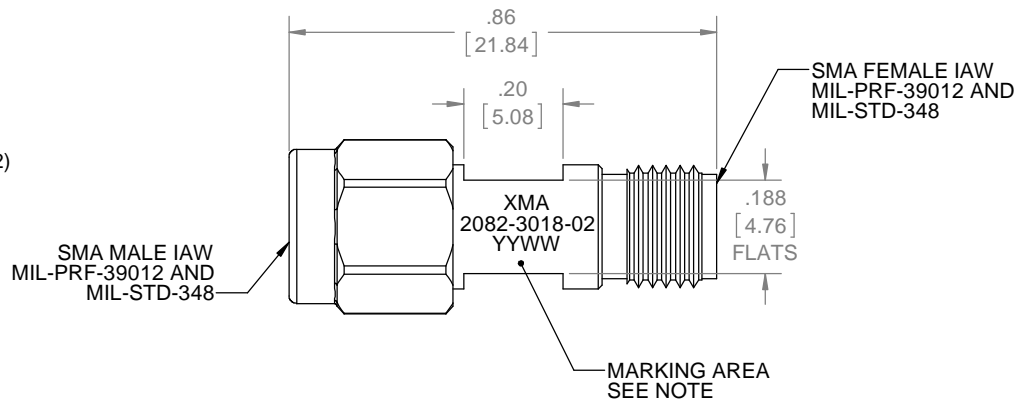
TYPICAL S11/S22 IS <1.15 WITH TYPE S21 <0.15 dB TO 18 GHz

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.
 MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, AND READABLE.
 YYWW EQUALS DATE CODE.



REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
A	ADDED MARKING TO OUTLINE	14-219	6/4/14	T.KUHN
B	ADDED DATE CODE	15-232	7/27/15	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2082-3018-02	IN LINE ADAPTER, SMA	
1	TA-2082-3018-02U	ASSY, IN LINE ADAPTER, SMA, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000

DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING

SURFACE ROUGHNESS μ INCHES **63**

FINISH: _____

MATERIAL: _____

NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.

INTERPRET IAW ANSI Y14.5-1982

UNLESS OTHERWISE SPECIFIED TOLERANCES IN:

DECIMALS	INCH	[MM]
.X"	.05"	[1.27]
.XX"	.03"	[.76]
.XXX"	.010"	[.25]

ANGLES $\pm 0^{\circ}30'$

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

DIAS CONCENTRIC <.003 T.I.R.

DO NOT SCALE PRINT

DRAWN SAUNDERS DATE 11/12/06

CHECKED _____ DATE _____

ENG. APPR. _____ DATE _____

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TITLE: **IN LINE ADAPTER, SMA, MALE TO FEMALE**

SIZE B	CAGE CODE 3HT76	DRAWING NUMBER 2082-3018-02	REV B
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	