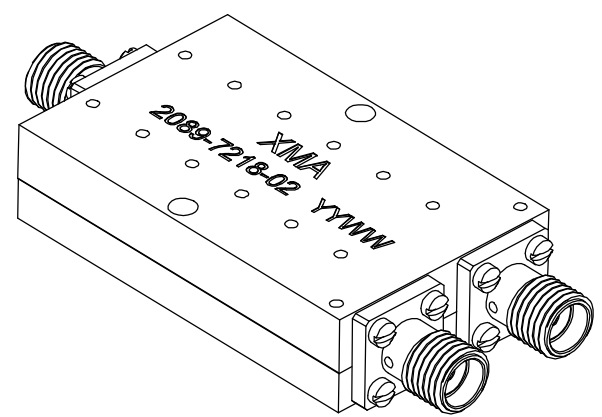
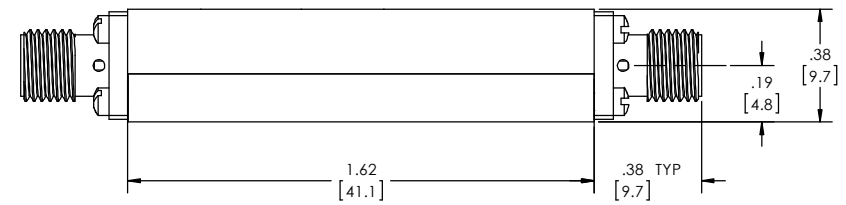
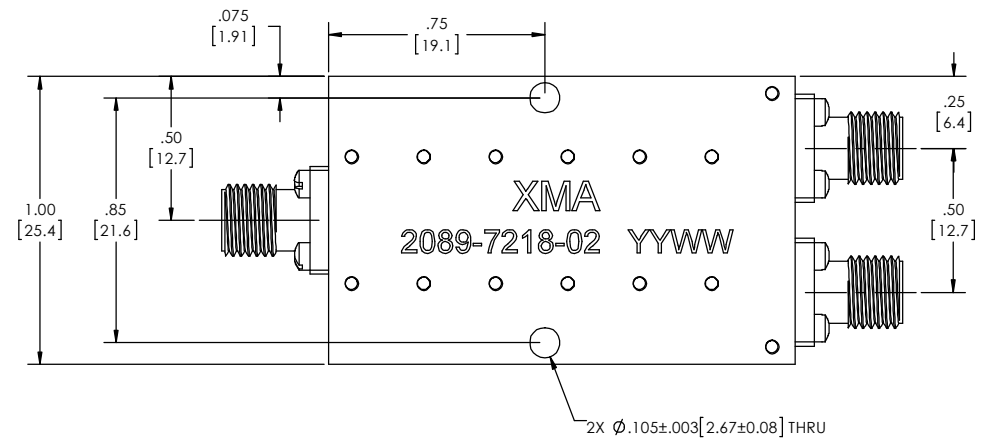


REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE	15-011	1/15/15	T.KUHN


ELECTRICAL
 FREQUENCY RANGE _____ 2 - 18 GHz
 VSWR
 INPUT _____ 1.50:1 MAX.
 OUTPUT _____ 1.50:1 MAX.
INPUT PORT
 AVG. POWER _____ 30 WATTS @ 25°C
 DERATES LINEARLY TO 10% @ 85°C
 IMPEDANCE _____ 50 OHMS
 INSERTION LOSS _____ 1.0 dB (above theoretical split loss)
 AMPLITUDE BALANCE _____ 0.3 dB MAX.
 ISOLATION _____ 19 dB TYP./17 dB MIN.
 PHASE BALANCE _____ 5° MAX.
 OPERATING TEMP RANGE _____ -55°C TO +85°C

MECHANICAL
 SMA CONNECTORS - FEMALE/JACK (IAW MIL-PRF-39012 & MIL-STD-348)
 CONTACTS GOLD PLATED BERYLLIUM COPPER
 CONNECTOR HOUSING PASSIVATED STAINLESS STEEL
 CIRCUIT CASE ALUMINUM ALLOY W/ CHEMICAL CONVERSION COAT
 INSULATORS_PTFE, VIRGIN ELECTRICAL GRADE
 WEIGHT 1.2 oz. MAX.
 TORQUE SMA CONNECTORS 7-10 IN. LB.
 RoHS COMPLIANT

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



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2082-7218-02	DIVIDER, SMA-f, 2-18GHz, 2-WAY, 30W	
1	TA-2089-7218-02U	ASSEMBLY, DIVIDER, SMA-f, 2-18GHz, 2-WAY, 30W, UNMARKED	1

<small>DRAWING PRACTICES PER ANSI Y14.5 DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING</small> SURFACE ROUGHNESS FINISH: 63 SEE NOTES MATERIAL: NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION. INTERPRET IAW ANSI Y14.5-1982	<small>UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH (MM) .X" .05" [1.27] .XX" .03" [.76] .XXX" .010" [.25] ANGLES ±0°30' REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.F. DO NOT SCALE PRINT </small>	DRAWN MCCORMICK 9/29/14 DATE 9/29/14	 Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03103
		CHECKED MCCORMICK 9/29/14 DATE 9/29/14 ENG APPR. T.KUHN 9/29/14 DATE 9/29/14 <small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR OMNI SPECTRA AND SHALL NOT BE REPRODUCED, COPIED NOR USED IN WHOLE OR IN PART AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.</small>	
SIZE C SCALE	CAGE CODE 3HT76 PLATED AREA SQ. IN	DRAWING NUMBER 2089-7218-02	REV - SHEET 1 OF 1