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SPECIFICATIONS

ELECTRICAL

- FREQUENCY RANGE \_\_\_\_\_ 1 - 4 GHz
- VSWR \_\_\_\_\_ 1.6:1 MAX
- IMPEDANCE \_\_\_\_\_ 50 OHMS
- INSERTION LOSS \_\_\_\_\_ ≤ 2.5dB (ABOVE THEORETICAL LOSS)
- ISOLATION \_\_\_\_\_ ≥ 18dB MIN
- AMPLITUDE UNBALANCE \_\_\_\_\_ ≤ 0.90 dB MAX
- PHASE BALANCE \_\_\_\_\_ ≤ 9° MAX
- POWER HANDLING \_\_\_\_\_ 10W FWD, 2W REV
- OPERATING TEMP \_\_\_\_\_ -45°C TO +85°C

MECHANICAL

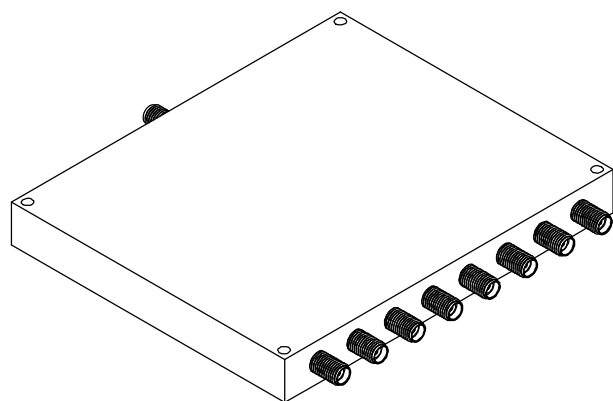
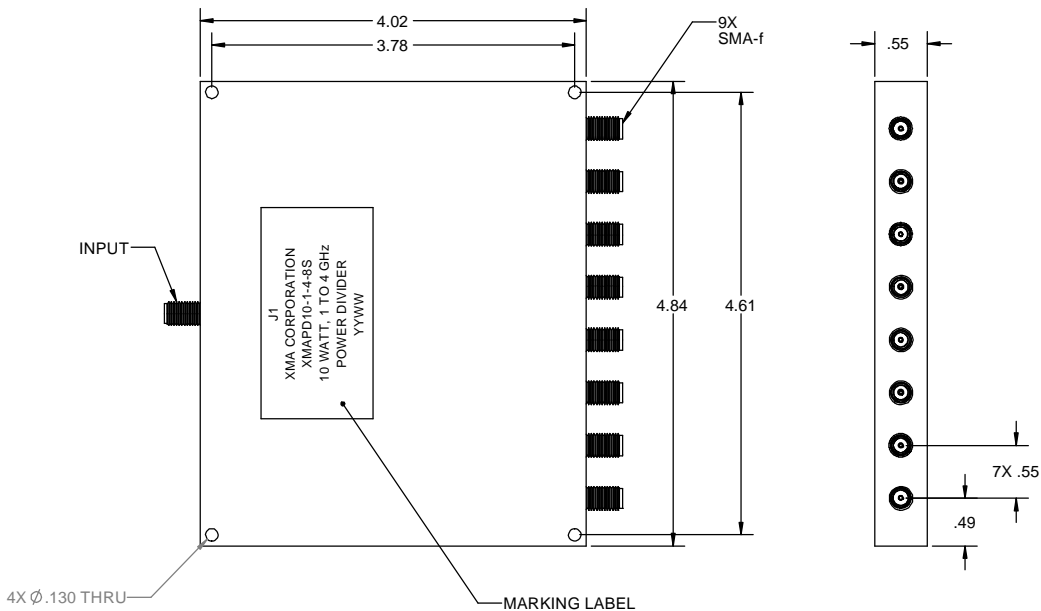
- SMA FEMALE CONNECTORS \_\_\_\_\_ PASSIVATED STAINLESS STEEL IAW MIL-STD-348
- CONTACTS \_\_\_\_\_ GOLD PLATED BeCu
- CIRCUIT CASE \_\_\_\_\_ ALUMINUM WITH COMMERCIAL GRADE BLACK PAINT

RoHS COMPLIANT DEVICE

MARKING

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

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	RELEASE	14-144	4/4/14	T.KUHN
A	REVISED SPECIFICATIONS	18-040	4/12/18	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	XMAPD10-1-4-8S	POWER DIVIDER, SMA-f/f, 1-4 GHz, 8 WAY	
1	XMAPD10-1-4-8SU	ASSY, POWER DIVIDER, SMA-f/f, 1-4 GHz, 8 WAY, UNMARKED	1

<small>DRAWING PRACTICES PER ANSI Y14.5          DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING</small> SURFACE FINISH: 63 FINISH:	<small>UNLESS OTHERWISE SPECIFIED TOLERANCES IN:</small> DECIMALS INCH [MM] .X" .05" [1.27] .XX" .03" [.76] .XXX" .010" [.25]	DRAWN: MCCORMICK 4/12/18 CHECKED: MCCORMICK 4/12/18 ENG APPR: T.KUHN 4/12/18 DATE: 4/12/18
<small>MATERIAL:</small> NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION. <small>INTERPRET IAW ANSI Y14.5-1982</small>	<small>ANGLES ±0°30'</small> <small>REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005"</small> <small>UNLESS OTHERWISE NOTED DIAS CONCENTRIC &lt;.003 T.I.F.</small> DO NOT SCALE PRINT	<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>

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POWER DIVIDER, SMA-f/f, 1-4 GHz, 8 WAY

SIZE: C	CAGE CODE: 3HT76	DRAWING NUMBER: XMAPD10-1-4-8S	REV: A
SCALE:	PLATED AREA SQ. IN:	SHEET 1 OF 1	

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