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SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE \_\_\_\_\_ 2 - 8 GHz

VSWR:  
INPUT/OUTPUT \_\_\_\_\_ ≤1.35:1 MAX

AVERAGE POWER \_\_\_\_\_ 10W FORWARD  
2W REVERSE

IMPEDANCE \_\_\_\_\_ 50 OHMS

INSERTION LOSS \_\_\_\_\_ ≤1.0dB MAX

ISOLATION \_\_\_\_\_ 18dB MIN

PHASE BALANCE \_\_\_\_\_ 7° MAX

AMPLITUDE BALANCE \_\_\_\_\_ 0.50 dB MAX  
(BETWEEN OUTPUT PORTS)

OPERATING TEMP \_\_\_\_\_ -55°C TO +85°C

MECHANICAL

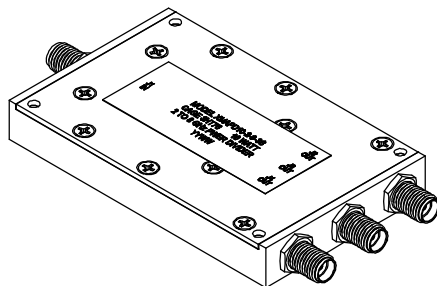
SMA FEMALE CONNECTORS \_\_\_\_\_ PASSIVATED  
STAINLESS STEEL

CONTACTS \_\_\_\_\_ GOLD PLATED BeCu

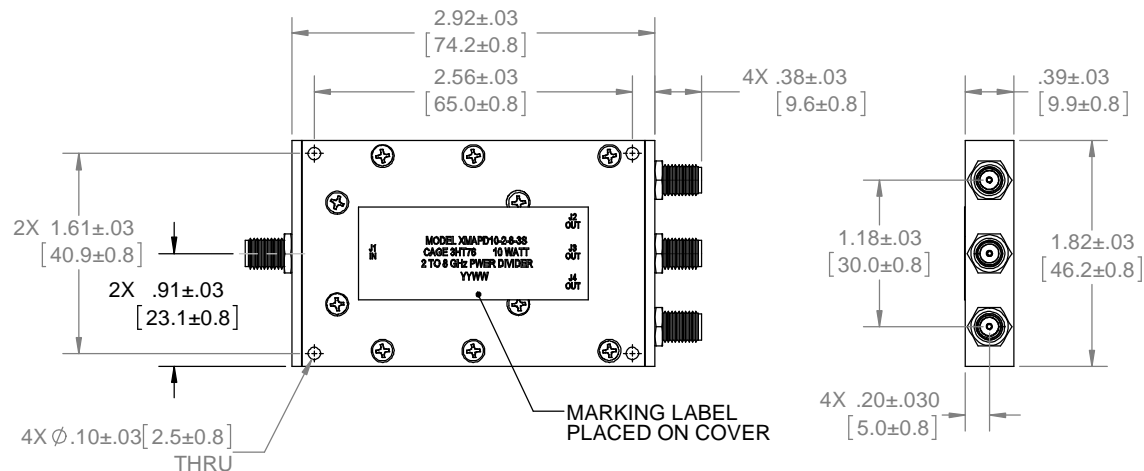
CIRCUIT CASE \_\_\_\_\_ ALUMINUM W/ COMMERCIAL  
GRADE BLACK PAINT

MARKING

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



REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	INITIAL RELEASE		4/3/12	T.KUHN
A	UPDATED FORMAT	15-124	4/16/15	T.KUHN
B	REMOVED 4 SCREWS IN COVER	15-267	9/17/15	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	XMAPD10-2-8-3S	DIVIDER, 3-WAY, SMA-f	
1	TA-20PD-97-0002U	ASSY, DIVIDER, 3-WAY, SMA-f, UNMARKED	1

DRAWING PRACTICES PER ANSI-Y-14.5 MIL-STD-100 & 1000	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	
SURFACE ROUGHNESS	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 ±0°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	DATE
MCCORMICK	4/15/15
CHECKED	DATE
MCCORMICK	4/15/15
ENG. APPR.	DATE
T.KUHN	4/15/15

**XMA** Omni Spectra<sup>SM</sup>

Phone: 603-222-2256 Fax: 603-222-2259  
150 Dow Street, Manchester, NH 03101

TITLE  
**DIVIDER, 3-WAY, SMA-f**

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	XMAPD10-2-8-3S	B
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

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