

SPECIFICATIONS

ELECTRICAL

- FREQUENCY RANGE _____ 1 - 4 GHz
- VSWR _____ ≤1.35:1 MAX
- IMPEDANCE _____ 50 OHMS
- INSERTION LOSS _____ ≤ 1dB MAX
- ISOLATION _____ ≥20dB MIN
- AMPLITUDE UNBALANCE _____ ≤0.20 dB MAX
- PHASE UNBALANCE _____ ≤3° MAX
- POWER HANDLING _____ 10W

MECHANICAL

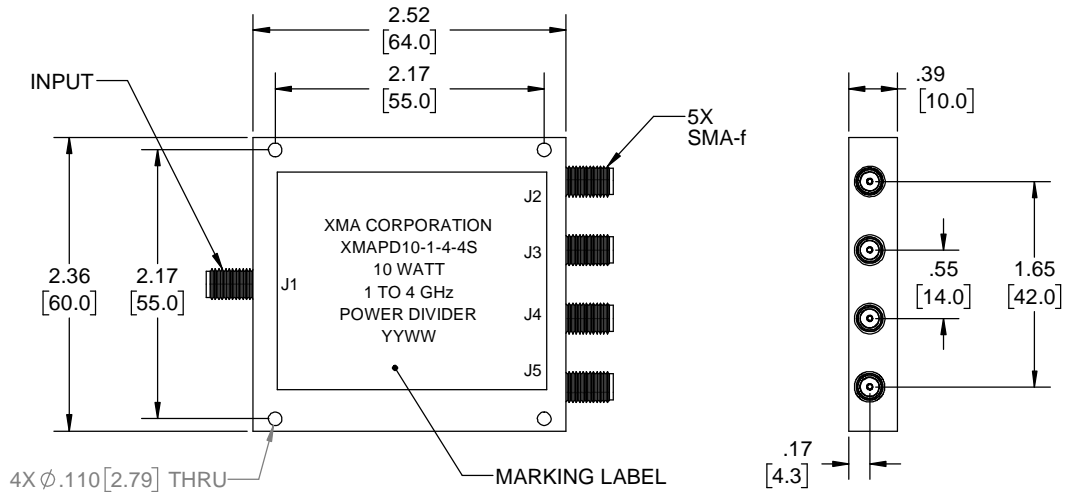
- SMA FEMALE CONNECTORS _____ PASSIVATED STAINLESS STEEL IAW MIL-STD-348
- CONTACTS _____ GOLD PLATED BeCu
- CIRCUIT CASE _____ ALUMINUM WITH COMMERCIAL GRADE BLACK PAINT

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.
 YYWW EQUALS DATE CODE.

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
-	RELEASE	14-109	3/24/14	T.KUHN
A	ADDED MARKING, REMOVED NUTS	16-247	12/14/16	T.KUHN




QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	XMAPD10-1-4-4S	DIVIDER, 2-WAY, SMA-f	
1	XMAPD10-1-4-4SU	ASSY, DIVIDER, 2-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 μINCHES	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	3/24/14
CHECKED	DATE
MCCORMICK	3/24/14
ENG. APPR.	DATE
T.KUHN	3/24/14



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

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

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