

SPECIFICATIONS

ELECTRICAL

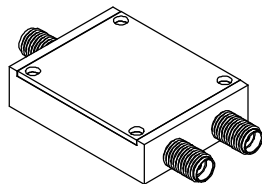
- FREQUENCY RANGE _____ 1 - 4 GHz
- VSWR:
 - INPUT/OUTPUT _____ $\leq 1.25:1$ MAX
- AVERAGE POWER _____ ≤ 10 W FORWARD (CW)
 ≤ 2 W REVERSE (CW)
- IMPEDANCE _____ 50 OHMS
- INSERTION LOSS _____ ≤ 0.5 dB MAX
- ISOLATION _____ ≥ 20 dB MIN
- AMPLITUDE UNBALANCE _____ ≤ 0.20 dB MAX
- PHASE UNBALANCE _____ $\leq 3^\circ$ MAX
- OPERATING TEMP _____ $-40^\circ\text{C} - +70^\circ\text{C}$

MECHANICAL

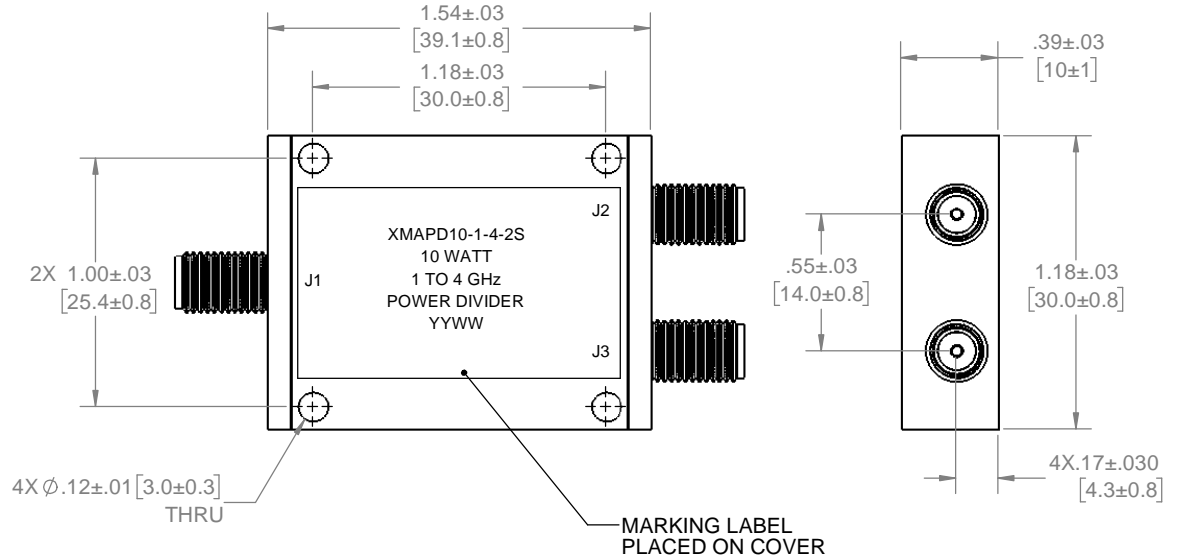
- SMA FEMALE CONNECTORS _____ PASSIVATED STAINLESS STEEL IAW MIL-STD-348
- CONTACTS _____ GOLD PLATED BeCu
- CIRCUIT CASE _____ PLATED ALUMINUM PAINTED BLACK
- CONNECTORS TO COMPLY WITH MIL-PRF-39012 AND MIL-STD-348
- RoHS COMPLIANT DEVICE

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
-	RELEASED	13-149	7/18/13	T.KUHN
A	NEW FORMAT, TOL CHANGE	17-006	1/10/17	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	XMAPD10-1-4-2S	DIVIDER, 2-WAY, SMA-f	
1	XMAPD10-1-4-2SU	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 $\pm 0^\circ 30'$	
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	DATE
V.SHELBY	7/18/13
CHECKED	DATE
T.KUHN	7/18/13
ENG. APPR.	DATE
T.KUHN	7/18/13

Phone: 603-222-2256 Fax: 603-222-2259
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TITLE			
POWER DIVIDER, 2-WAY, SMA-f			
SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	XMAPD10-1-4-2S	A
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	