

SPECIFICATIONS

ELECTRICAL

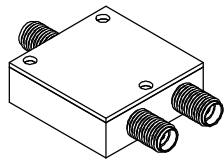
- FREQUENCY RANGE \_\_\_\_\_ 2 - 8 GHz
- VSWR:
  - INPUT/OUTPUT \_\_\_\_\_  $\leq 1.3:1$  MAX
- AVERAGE POWER \_\_\_\_\_  $\leq 10$ W FORWARD (CW)  
 \_\_\_\_\_  $\leq 1$ W REVERSE (CW)
- IMPEDANCE \_\_\_\_\_ 50 OHMS
- INSERTION LOSS \_\_\_\_\_  $\leq 0.6$ dB MAX
- ISOLATION \_\_\_\_\_  $\geq 20$ dB MIN
- AMPLITUDE UNBALANCE \_\_\_\_\_  $\leq \pm 0.30$  dB
- PHASE UNBALANCE \_\_\_\_\_  $\leq \pm 3^\circ$
- OPERATING TEMP \_\_\_\_\_  $-40^\circ\text{C} - +70^\circ\text{C}$

MECHANICAL

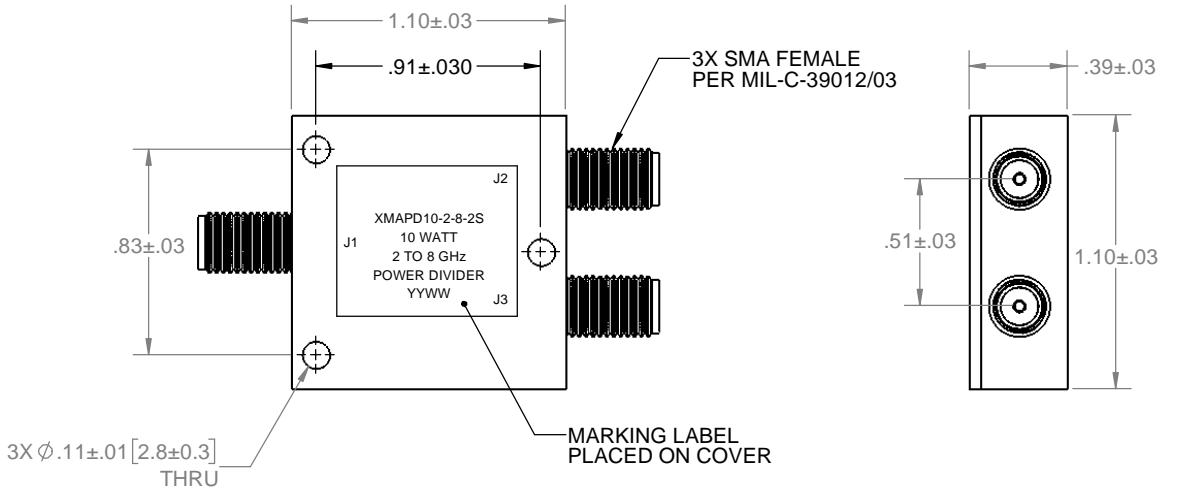
- CONNECTORS \_\_\_\_\_ SMA FEMALE
- CONTACTS \_\_\_\_\_ GOLD PLATED BeCu
- CIRCUIT CASE \_\_\_\_\_ BLACK PAINT

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
A	REDRAWN INTO TITLEBLOCK		11/25/12	DS
B	TOTAL REDESIGN	16-050	3/9/16	T.KUHN
C	ADDED WGHT, OPER TEMP, PEAK PWR	16-077	4/11/16	T.KUHN
D	REDESIGN	17-085	6/6/17	T.KUHN



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	XMAPD10-2-8-2S	DIVIDER, 2-WAY, SMA-f	
1	XMAPD10-2-8-2SU	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 $\mu\text{INCHES}$	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
MCCORMICK	3/9/16
CHECKED	DATE
MCCORMICK	3/9/16
ENG. APPR.	DATE
T.KUHN	3/9/16

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

TITLE			
ASSY, DIVIDER, 2-WAY, SMA-f			
SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	XMAPD10-2-8-2S	D
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	

5  
4  
3  
2  
1