

SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE _____ 2 - 8 GHz
 VSWR _____ 1.50:1
 IMPEDANCE _____ 50 OHMS
 INSERTION LOSS _____ 1.4 dB MAX
 ISOLATION _____ 18 dB MIN
 AMPLITUDE UNBALANCE _____ 0.50 dB MAX
 PHASE BALANCE _____ 5° MAX
 AVERAGE POWER _____ 10W FORWARD
 _____ 2W REVERSE
 OPERATING TEMP _____ -25°C TO +65°C

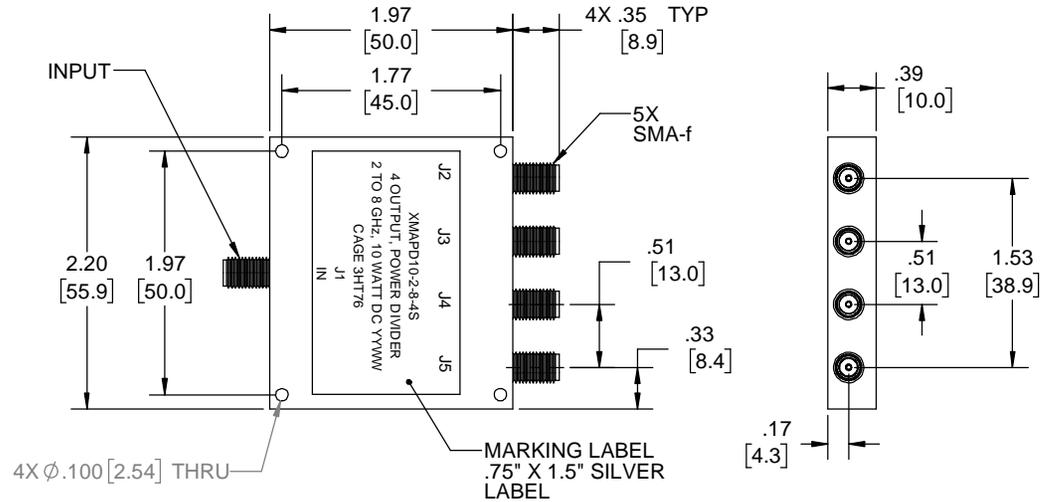
MECHANICAL

SMA FEMALE CONNECTORS _____ PASSIVATED
 _____ STAINLESS STEEL
 CONTACTS _____ GOLD PLATED BeCu
 CIRCUIT CASE _____ ALUMINUM WITH
 _____ 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
-	RELEASE		7/19/12	T.KUHN
A	UPDATED FORMAT; CLARIFIED LABEL	20-096	7/8/20	M.HIGGINS



QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	XMAPD10-2-8-4S	DIVIDER, 4-WAY, SMA-f	
1	XMAPD10-2-8-4SU	ASSY, DIVIDER, 4-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
T.KUHN	3/1/12
CHECKED	DATE
ENG. APPR.	DATE
T.KUHN	7/19/12
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TITLE

POWER DIVIDER, 4-WAY, ISOLATED, SMA-f/f, 2-8 GHz

SIZE	CAGE CODE	DRAWING NUMBER	REV
B	3HT76	XMAPD10-2-8-4S	A
SCALE	PLATED AREA SQ. IN	SHEET 1 OF 1	