

SPECIFICATIONS

ELECTRICAL

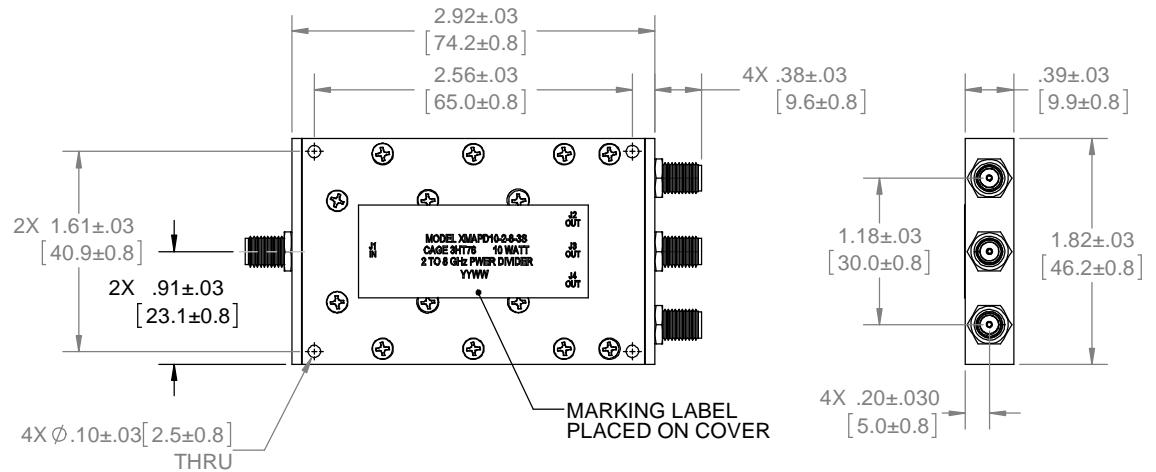
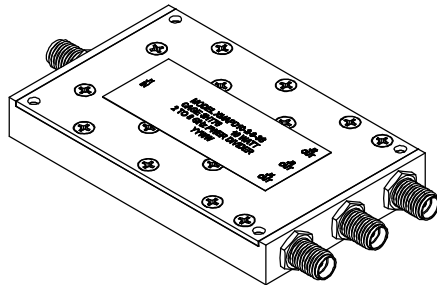
FREQUENCY RANGE _____ 2 - 8 GHz
 VSWR:
 INPUT/OUTPUT _____ $\leq 1.35:1$ MAX
 AVERAGE POWER _____ 10W FORWARD
 2W REVERSE
 IMPEDANCE _____ 50 OHMS
 INSERTION LOSS _____ $\leq 1.0\text{dB}$ MAX
 ISOLATION _____ 18dB MIN
 PHASE BALANCE _____ 7° MAX
 AMPLITUDE BALANCE _____ 0.50 dB MAX
 (BETWEEN OUTPUT PORTS)
 OPERATING TEMP _____ -55°C TO $+85^\circ\text{C}$

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

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	UNLESS OTHERWISE SPECIFIED TOLERANCES IN:
DIMENSIONS ARE IN INCHES AND APPLY BEFORE / AFTER PROCESSING	DECIMALS INCH [MM]
SURFACE ROUGHNESS μINCHES 63	.X" .05" [1.27]
FINISH:	.XX" .03" [.76]
MATERIAL:	.XXX" .010" [.25]
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.	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.
INTERPRET IAW ANSI Y14.5-1982	DO NOT SCALE PRINT

DRAWN MCCORMICK	DATE 4/15/15
CHECKED MCCORMICK	DATE 4/15/15
ENG. APPR. T.KUHN	DATE 4/15/15



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 150 Dow Street, Manchester, NH 03101
 TITLE

DIVIDER, 3-WAY, SMA-f

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