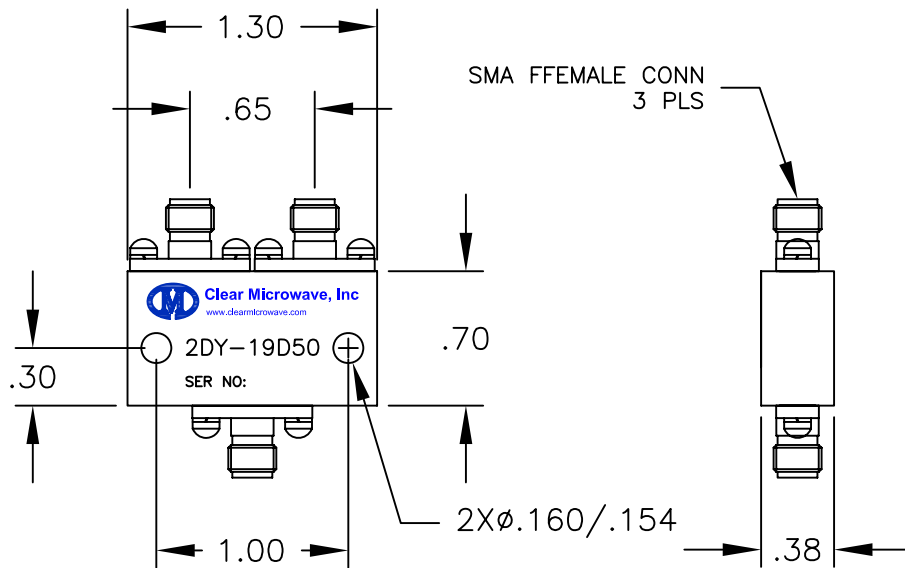
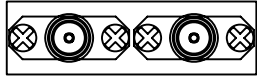



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	6/10/2005	YF



ELECTRICAL SPECIFICATIONS

FREQUENCY	19.3–19.7 GHz
INSERTION LOSS	0.8 dB MAX
ISOLATION	22 dB TYP/ 20 dB MIN
INPUT VSWR	1.20:1 TYP/ 1.25:1 MAX
OUTPUT VSWR	1.15:1 TYP/ 1.20:1 MAX
AMPLITUDE BALANCE	±0.15 dB MAX
PHASE BALANCE	±1.5° MAX
IMPEDANCE (NOMINAL)	50 OHMS
RF INPUT POWER AS DIVIDER	20 WATTS WITH LOAD
OPERATING TEMPERATURE	-30° TO +85°C

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES: ANGLES ±1° DECIMALS: .XX= ±.01 .XXX= ±.005 CONCENTRICITY: .004 T.I.R. SURFACE FINISH: 63/ BREAK ALL EDGES		SIGNED	DATE	 Clear Microwave, Inc www.clearmicrowave.com	344 Lenape Rd Chalfont Pennsylvania, USA		
	DWN	MA	5/3/05				
	CHKR	ZZ	5/4/05				
	ELEC	YF	5/6/05	TITLE			
	MECH	SO	5/9/05	19.3 - 19.7 GH 2-Way Power Divider			
	QA	MH	5/25/05	SIZE	CAGE CODE	MODEL NO	REV
	MFG	NCG	5/30/05	A		2DY-19D50	A
DRAWING NO	01020119001	SCALE	1 : 1	DOC FAMILY	PD	SHEET	1 OF 1