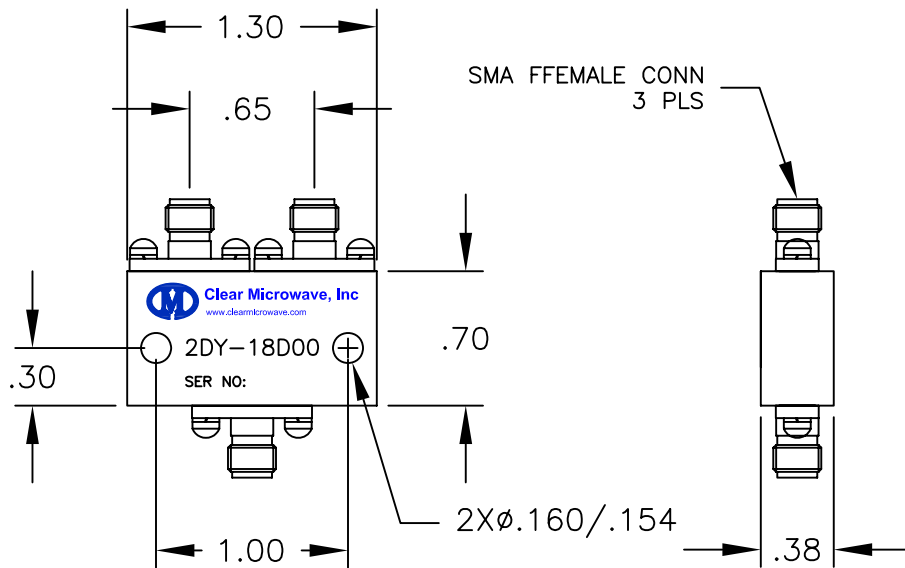
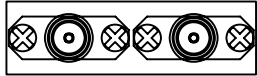


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	4/7/2005	YF



**ELECTRICAL SPECIFICATIONS**

FREQUENCY .....	17.7-18.3 GHz
INSERTION LOSS .....	0.7 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
DWN	MA	2/22/05
CHKR	ZZ	2/25/05
ELEC	YF	3/2/05
MECH	SO	3/9/05
QA	MH	3/18/05
MFG	NCG	3/31/05
DRAWING NO	01020118001	



**Clear Microwave, Inc**  
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344 Lenape Rd  
Chalfont  
Pennsylvania, USA

TITLE			
<b>17.7 - 18.3 GH 2-Way Power Divider</b>			
SIZE	CAGE CODE	MODEL NO	REV
A		2DY-18D00	A
SCALE	1 : 1	DOC FAMILY	PD
SHEET	1	OF	1