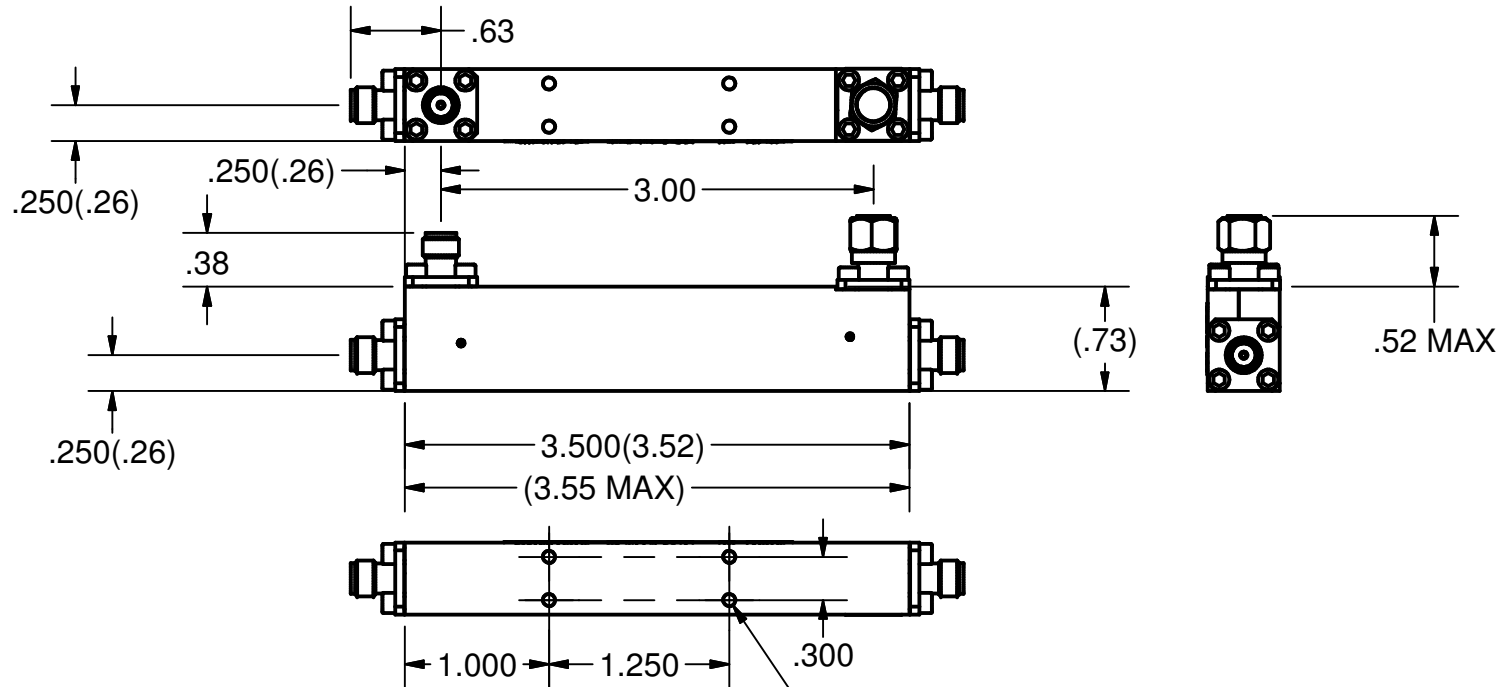


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	RELEASE TO PRODUCTION	09-06-2012	Marek A




**SPECIFICATION**

FREQUENCY RANGE: 1.0 - 22.0 GHz  
 COUPLING REFERENCED TO OUTPUT (INCLUDES FREQUENCY SENSITIVITY): 10±1.00 dB  
 FREQUENCY SENSITIVITY: ±0.80 dB  
 INSERTION LOSS:  
 EXCLUDING COUPLED POWER: 0.96 dB  
 TRUE: 1.4 dB  
 DIRECTIVITY:  
 1 - 12 GHz 15 dB MIN  
 12 - 20 GHz 13 dB MIN  
 20 - 22 GHz 11 dB MIN  
 PRIMARY LINE VSWR:  
 1 - 20 GHz 1.35 MAX  
 20 - 22GHz 1.45 MAX  
 SECONDARY LINE VSWR:  
 1 - 20 GHz 1.50 MAX  
 20 - 22 GHz 1.60 MAX  
 INCIDENT POWER: 50W AVE  
 REFLECTED POWER: 2 W AVE  
 PEAK POWER: 3 kW

4-40 UNC - 2B $\nabla$ .300  
 4 PL NEAR SIDE  
 4 PL FAR SIDE

DIMESIONS: X.XXX NOT PAINTED  
 (X.XXX) PAINTED  
 TOLERANCES: X.XX ±.02  
 X.XXX ±.010

R&D MICROWAVES LLC PROPRIETARY INFORMATION

DRAWN MarekA	10/26/2010		R&D Microwaves LLC, USA	
CHECKED			TITLE	
QA		SMA FEMALE DIRECTIONAL COUPLER, 10dB, 1-22 GHz		
MFG		SIZE	DWG NO	REV
APPROVED		A	C1-B65rev1	1
		SCALE	SHEET 1 OF 1	