

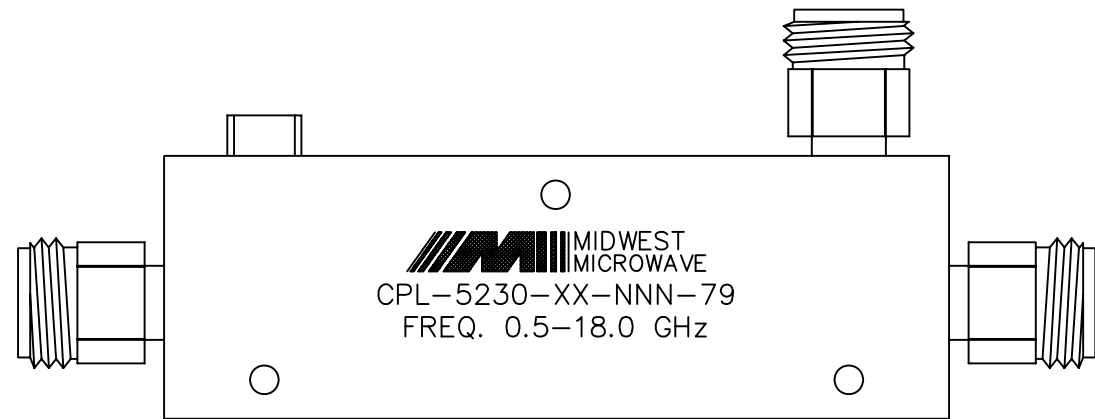
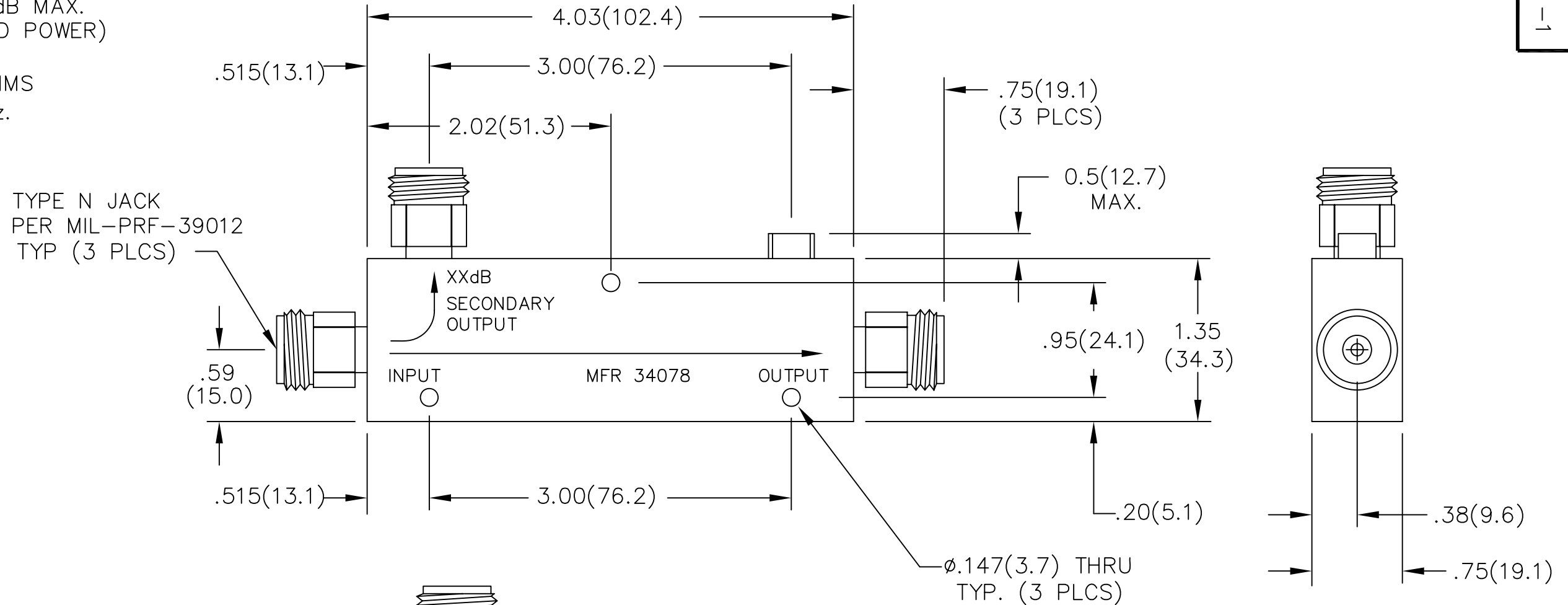
NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: 0.5 to 18.0 GHz
 - 1.2 COUPLING: (MEASURED WITH RESPECT TO OUTPUT) SEE TABLE
 - 1.3 FREQUENCY SENSITIVITY: ± 1.10 dB
 - 1.4 DIRECTIVITY: 0.5 to 12.4 GHz 15dB MIN.
12.4 to 18.0 GHz 12dB MIN.
 - 1.5 VSWR (MAX): 1.50:1 PRIMARY
1.60:1 SECONDARY
 - 1.6 INSERTION LOSS: 1.20dB MAX.
(EXCLUDING COUPLED POWER)
 - 1.7 POWER: SEE TABLE
 - 1.8 RF IMPEDANCE: 50 OHMS
 - 1.9 WEIGHT (MAX.): 9.7 oz.

- 2.0 FINISHING:
 - 2.1 GREY PER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400
 - 2.2 MARKING: MARK UNIT AS SHOWN
(REF.: SLK-08029-82-[48-50])
- 3.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.

MIDWEST MODEL NUMBER CPL-5230-XX-NNN-79	NOMINAL COUPLING	POWER (WATTS)		
		INPUT	REF	PEAK
CPL-5230-10-NNN-79	10 ± 1.5 dB	50	10	3000
CPL-5230-16-NNN-79	16 ± 1.5 dB	50	40	3000
CPL-5230-20-NNN-79	20 ± 1.5 dB	50	50	3000

MODEL NUMBER
CPL-5230-XX-NNN-79
REV.
-1



BACKSIDE MARKING

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO. 34078		MIDWEST MICROWAVE	
3 PLACE DECIMALS $\pm .005$		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE DIRECTIONAL COUPLER	
2 PLACE DECIMALS $\pm .02$					
FRACTIONS $\pm 1/64$		DRAWN/DATE J.VERNON 1/21/98		ENG./DATE J.O'NEIL 2/18/98	
PARALLELITY: T.I.R. _____		CHECKED/DATE		APPROVED/DATE	
FLATNESS: T.I.R. _____		DRAWING NUMBER CPL-5230-XX-NNN-79			
CONCENTRICITY: T.I.R. _____		SCALE: 2=1		SHEET 1 of 1	
ANGLES AND PERPENDICULARITY: $\pm 1^\circ$					

REV.	DESCRIPTION	DATE
-	RELEASED	2/23/98
-1	ADDED TITLEBLOCK	4/25/05