

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 1.0 to 4.0 GHz
- 1.2 COUPLING: SEE TABLE
- 1.3 FREQUENCY SENSITIVITY: ± 0.6 dB
- 1.4 DIRECTIVITY: 20dB MIN.
- 1.5 VSWR (MAX): 1.30:1
- 1.6 INSERTION LOSS: 0.6dB MAX.
(EXCLUDING COUPLED POWER)
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX): 10.4 oz

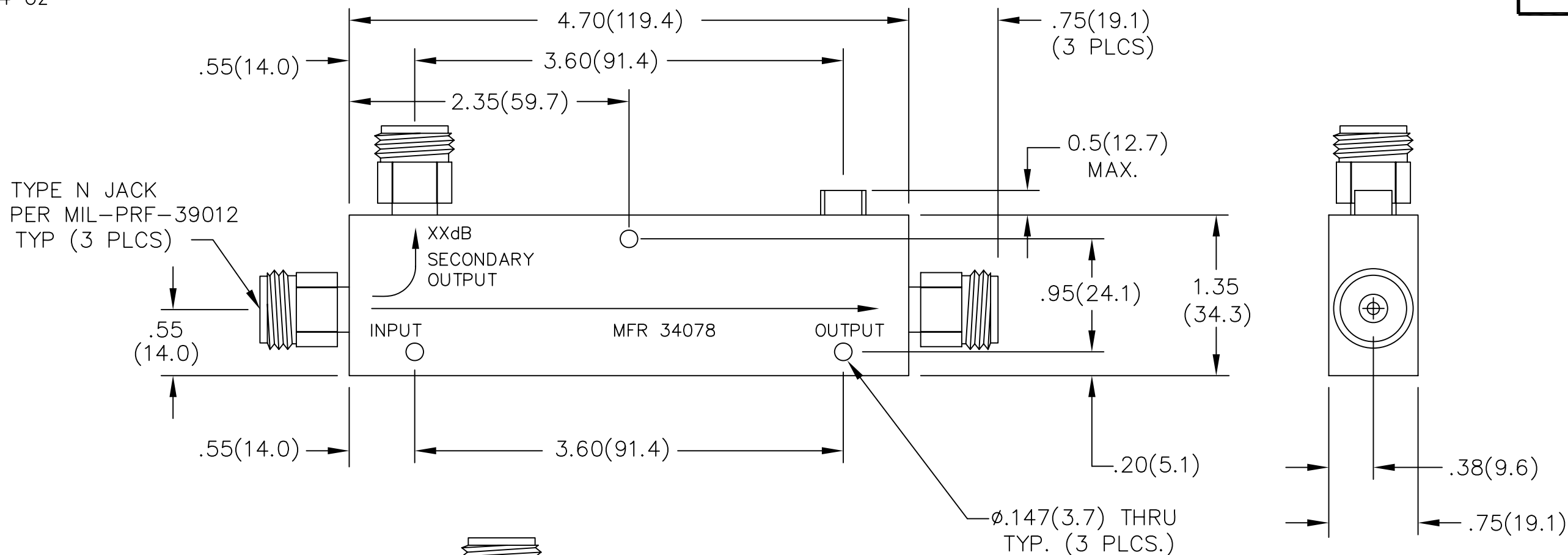
2.0 FINISHING:

- 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-[40-43])

3.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.

MIDWEST MODEL NUMBER CPL-5221-XX-NNN-79	COUPLING	POWER (WATTS)		
		INPUT	REF.	PEAK
CPL-5221-06-NNN-79	6 ± 1.0 dB	50	10	4000
CPL-5221-10-NNN-79	10 ± 1.0 dB	50	10	4000
CPL-5221-16-NNN-79	16 ± 1.0 dB	50	40	4000
CPL-5221-20-NNN-79	20 ± 1.0 dB	50	50	4000

MODEL NUMBER
CPL-5221-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 2/17/98	
PARALLELITY: T.I.R. _____		CHECKED/DATE		APPROVED/DATE	
FLATNESS: T.I.R. _____		DRAWING NUMBER CPL-5221-XX-NNN-79			
CONCENTRICITY: T.I.R. _____		SCALE: 1=1		SHEET 1 of 1	
ANGLES AND PERPENDICULARITY: $\pm 1^\circ$					

DATE	2/23/98	4/22/05
DESCRIPTION	RELEASED	ADDED TITLEBLOCK
REV.	-	-1