

MODEL NUMBER
CPL-5214-XX-TNC-79

REV.

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

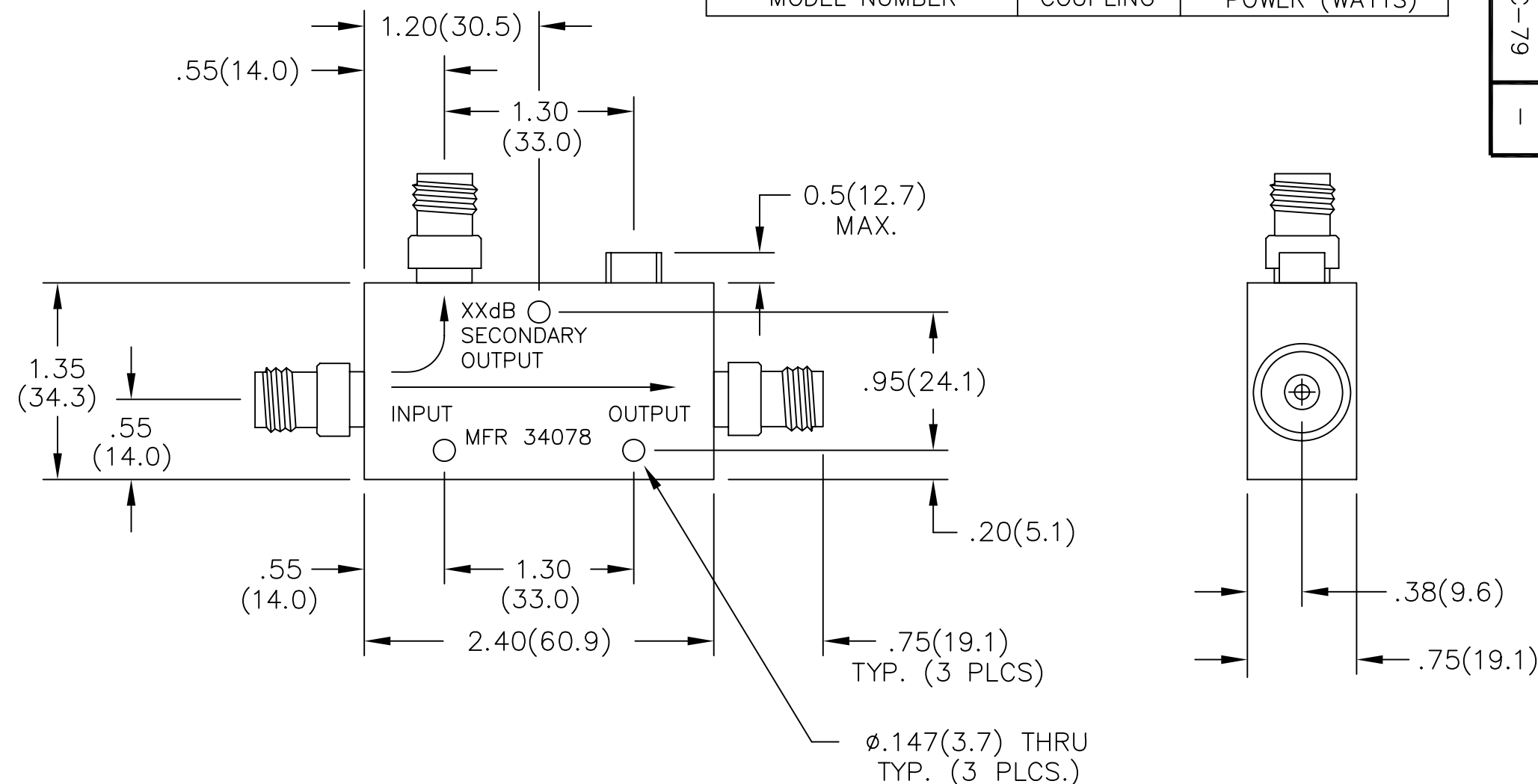
- 1.1 FREQUENCY RANGE: 4.0 to 8.0 GHz
- 1.2 FREQ. SENSITIVITY: $\pm 0.75\text{dB}$
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.30:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER):
0.50dB MAX.
- 1.6 DIRECTIVITY: 18dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

2.0 FINISHING:

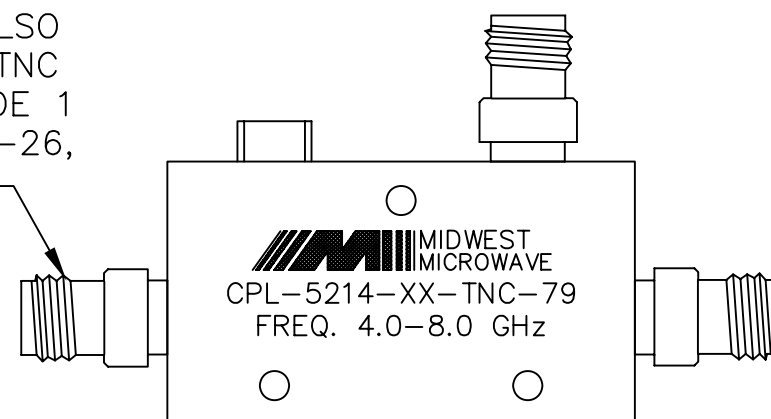
- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400 AND MIL-E-16400V.
- 2.2 MARK UNIT AS SHOWN.
(REF.: SLK-08139-82-[12-15])

3.0 DIMENSIONS IN PARENTHESES
ARE IN MILLIMETERS.

CPL-5214-30-TNC-79	30dB	50	50	4,000
CPL-5214-20-TNC-79	20dB	50	50	4,000
CPL-5214-10-TNC-79	10dB	50	10	4,000
CPL-5214-06-TNC-79	6dB	50	4	4,000
CPL-5214-XX-TNC-79	-XX $\pm$ 1.0dB	INPUT	REF.	PEAK
MODEL NUMBER	COUPLING	POWER (WATTS)		



TYPE TNCA JACK
INTERFACE PER
MIL-STD-348A
FIG. 313-44
(INTERFACE ALSO
MEETS TYPE TNC
18 Ghz, GRADE 1
PER IEC 169-26,
FIG 2) TYP. —
(3 PLCS.)



BACKSIDE MARKING

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:	FSCM NO. 34078		<i>MIDWEST MICROWAVE</i>	
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE DIRECTIONAL COUPLER	
3 PLACE DECIMALS ±.005	DRAWN/DATE S.ORLOV 5/9/06		DRAWING NUMBER CPL-5214-XX-TNC-79	
2 PLACE DECIMALS ±.02	ENG./DATE R.HALL 5/9/06			
FRACTIONS ±1/64	CHECKED/DATE	APPROVED/DATE		
PARALLELITY: T.I.R. _____			SCALE: 1=1	SHEET 1 of 1
FLATNESS: T.I.R. _____				
CONCENTRICITY: T.I.R. _____				
ANGLES AND PERPENDICULARITY: ±1°				

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