

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.6 to 5.2 GHz
- 1.2 FREQ. SENSITIVITY: ±0.75dB
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.30:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER):
0.35dB MAX.
- 1.6 DIRECTIVITY: 18dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT (MAX.): 6.8 oz.

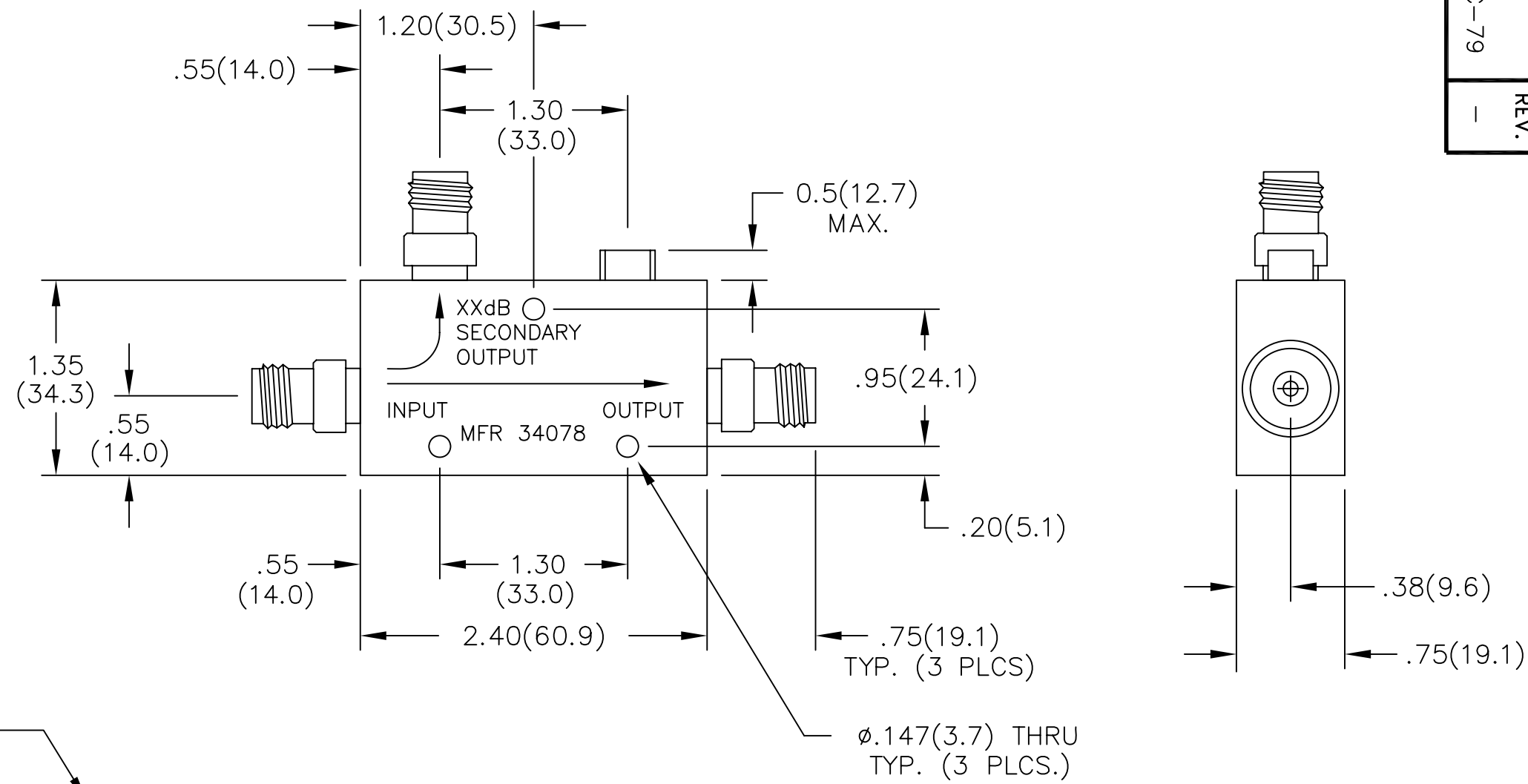
2.0 FINISHING:

- 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-[32-35])

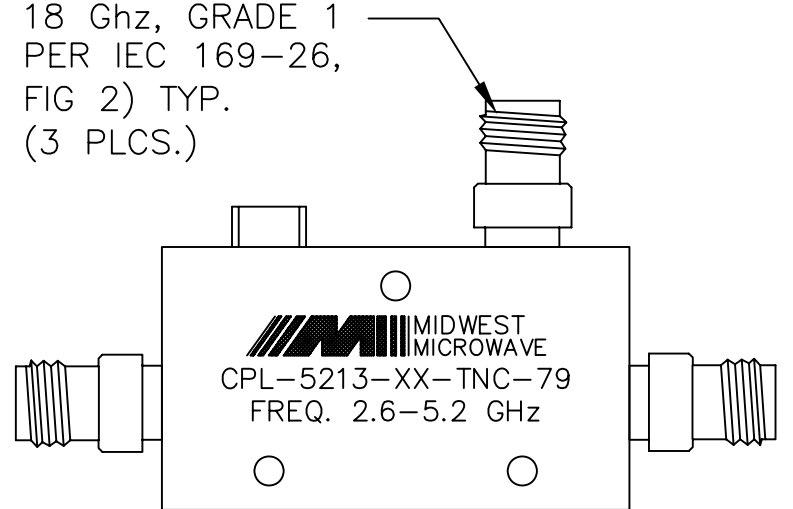
3.0 DIMENSIONS IN PARENTHESIS
ARE IN MILLIMETERS.

CPL-5213-30-TNC-79	30dB	50	50	4,000
CPL-5213-20-TNC-79	20dB	50	50	4,000
CPL-5213-10-TNC-79	10dB	50	10	4,000
CPL-5213-06-TNC-79	6dB	50	4	4,000
CPL-5213-XX-TNC-79 MODEL NUMBER	-XX ±1.0dB COUPLING	INPUT POWER (WATTS)	REF.	PEAK

MODEL NUMBER
CPL-5213-XX-TNC-79
REV.
1



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: 3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: ±1°	FSCM NO. 34078	MIDWEST MICROWAVE	
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE DIRECTIONAL COUPLER
	DRAWN/DATE S. ORLOV 5/9/06	ENG./DATE R. HALL 5/9/06	DRAWING NUMBER CPL-5213-XX-TNC-79
	CHECKED/DATE	APPROVED/DATE	SCALE: 1=1 SHEET 1 of 1

DATE	5/9/06
DESCRIPTION	RELEASED
REV.	1