

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.

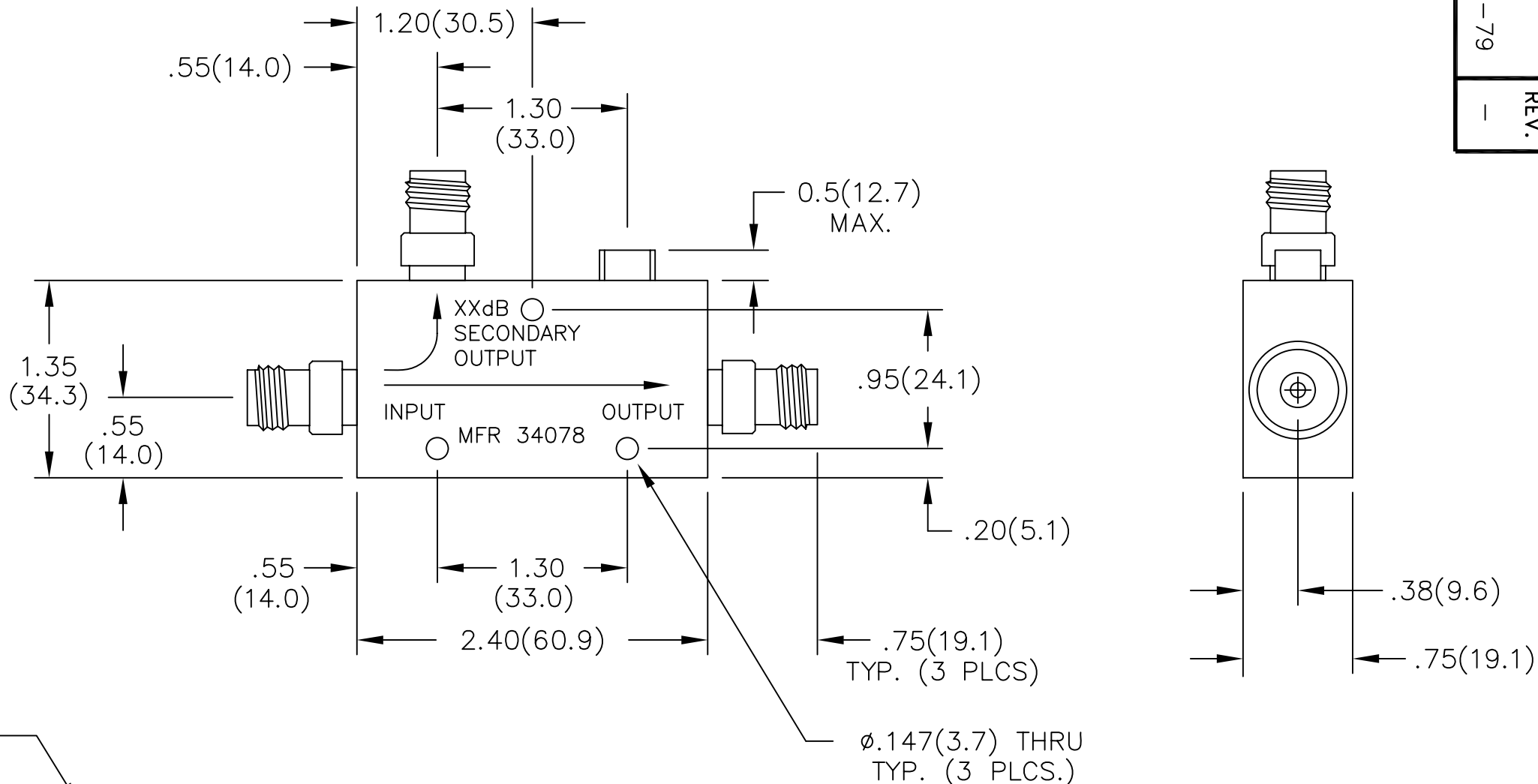
2.0 FINISHING:

- 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])

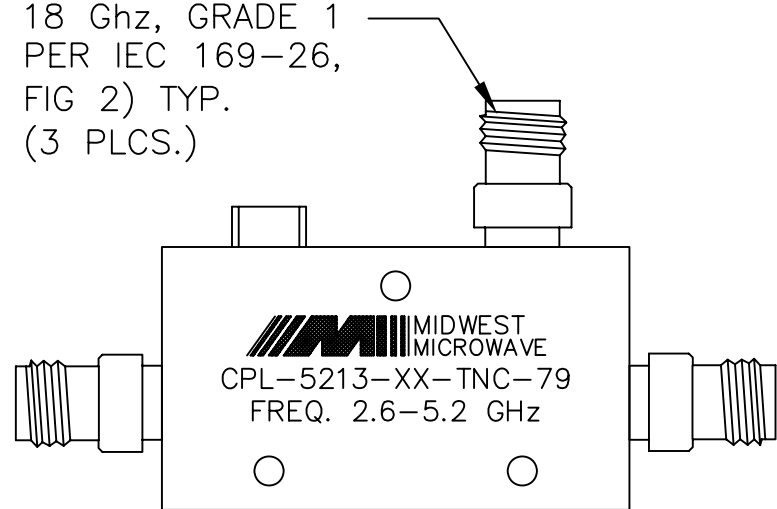
3.0 DIMENSIONS IN PARENTHESIS  
ARE IN MILLIMETERS.

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. POWER (WATTS)	PEAK POWER (WATTS)

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