

NOTES:

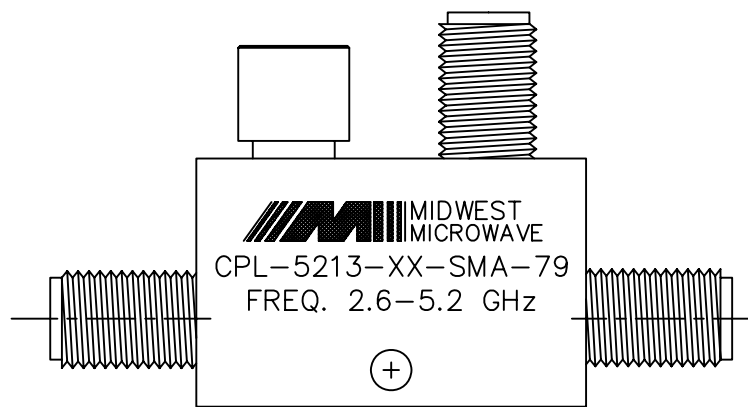
1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.6 to 5.2 GHz
- 1.2 FREQ. SENSITIVITY: SEE TABLE
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.25:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.25dB MAX.
- 1.6 DIRECTIVITY: 20dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS

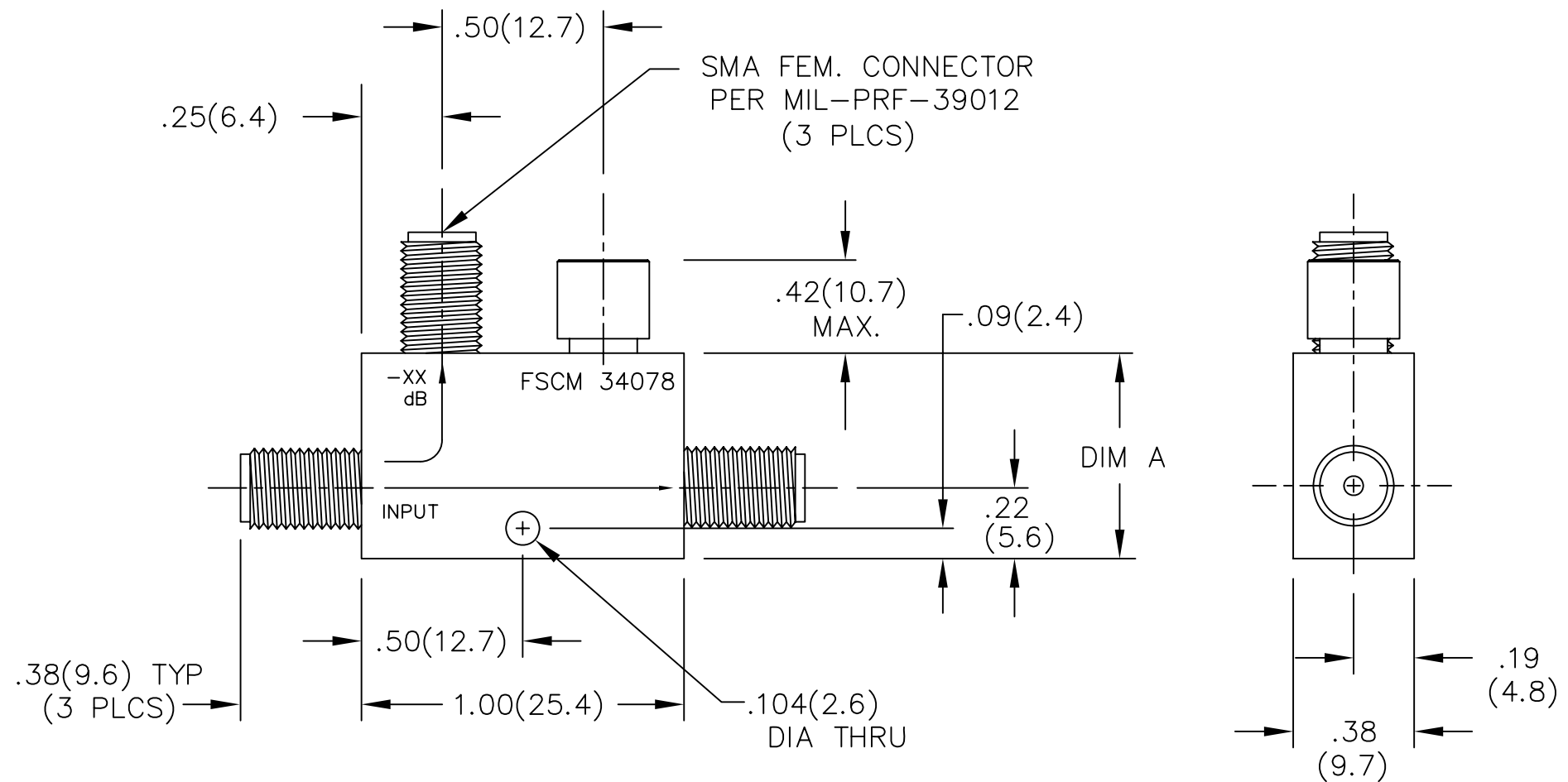
2.0 FINISHING:

- 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-09341-82-[12 - 15, 41]

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



BACKSIDE MARKING



|   |                    |           |                     |                   |                     |           |                   |             |
|---|--------------------|-----------|---------------------|-------------------|---------------------|-----------|-------------------|-------------|
| △ | CPL-5213-30-SMA-79 | .63(15.9) | 30dB                | ±0.75dB           | 50                  | 50        | 4,000             | 0.67 (19.0) |
|   | CPL-5213-20-SMA-79 | .50(12.7) | 20dB                | ±0.75dB           | 50                  | 50        | 4,000             | 0.60 (17.0) |
|   | CPL-5213-10-SMA-79 | .50(12.7) | 10dB                | ±0.75dB           | 50                  | 10        | 4,000             | 0.60 (17.0) |
|   | CPL-5213-06-SMA-79 | .50(12.7) | 6dB                 | ±0.60dB           | 50                  | 4         | 4,000             | 0.60 (17.0) |
|   | CPL-5213-XX-SMA-79 | DIM A     | -XX ±1.0dB COUPLING | FREQ. SENSITIVITY | INPUT POWER (WATTS) | REF. PEAK | Oz (GRAMS) WIEGHT |             |

MODEL NUMBER  
CPL-5213-XX-SMA-79  
REV.  
A1

|             |          |           |                  |
|-------------|----------|-----------|------------------|
| DATE        | 8/13/91  | 9/18/91   | 4/15/05          |
| DESCRIPTION | RELEASED | ECN 11027 | ADDED TITLEBLOCK |
| REV.        | -        | A         | A1               |

△ REF. NSN 5985-01-249-0353

|   |   |                                    |                                      |
|---|---|------------------------------------|--------------------------------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>3 PLACE DECIMALS ±.005<br>2 PLACE DECIMALS ±.02<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R. _____<br>FLATNESS: T.I.R. _____<br>CONCENTRICITY: T.I.R. _____<br>ANGLES AND PERPENDICULARITY: ±1° | FSCM NO.<br><b>34078</b>  | <b>MIDWEST MICROWAVE</b>           |                                      |
|   | NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave |                                    | TITLE<br>DIRECTIONAL COUPLER         |
|   | DRAWN/DATE<br>A.BEATTY<br>8/9/91  | ENG./DATE<br>T.MATTHEWS<br>8/13/91 | DRAWING NUMBER<br>CPL-5213-XX-SMA-79 |
| CHECKED/DATE<br>C.RICKARD<br>8/12/91  | APPROVED/DATE   | SCALE: 2=1                         | SHEET 1 of 1                         |