

NOTES:

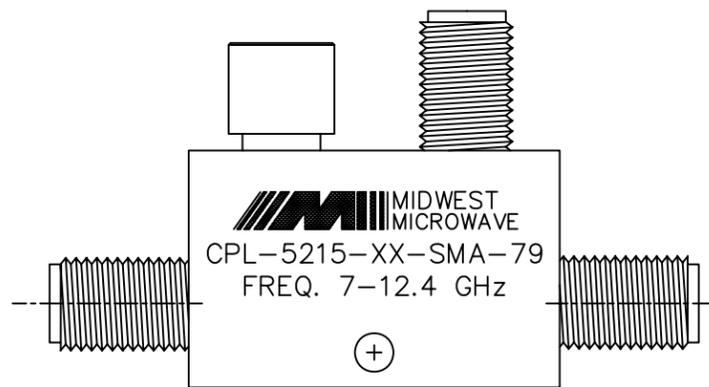
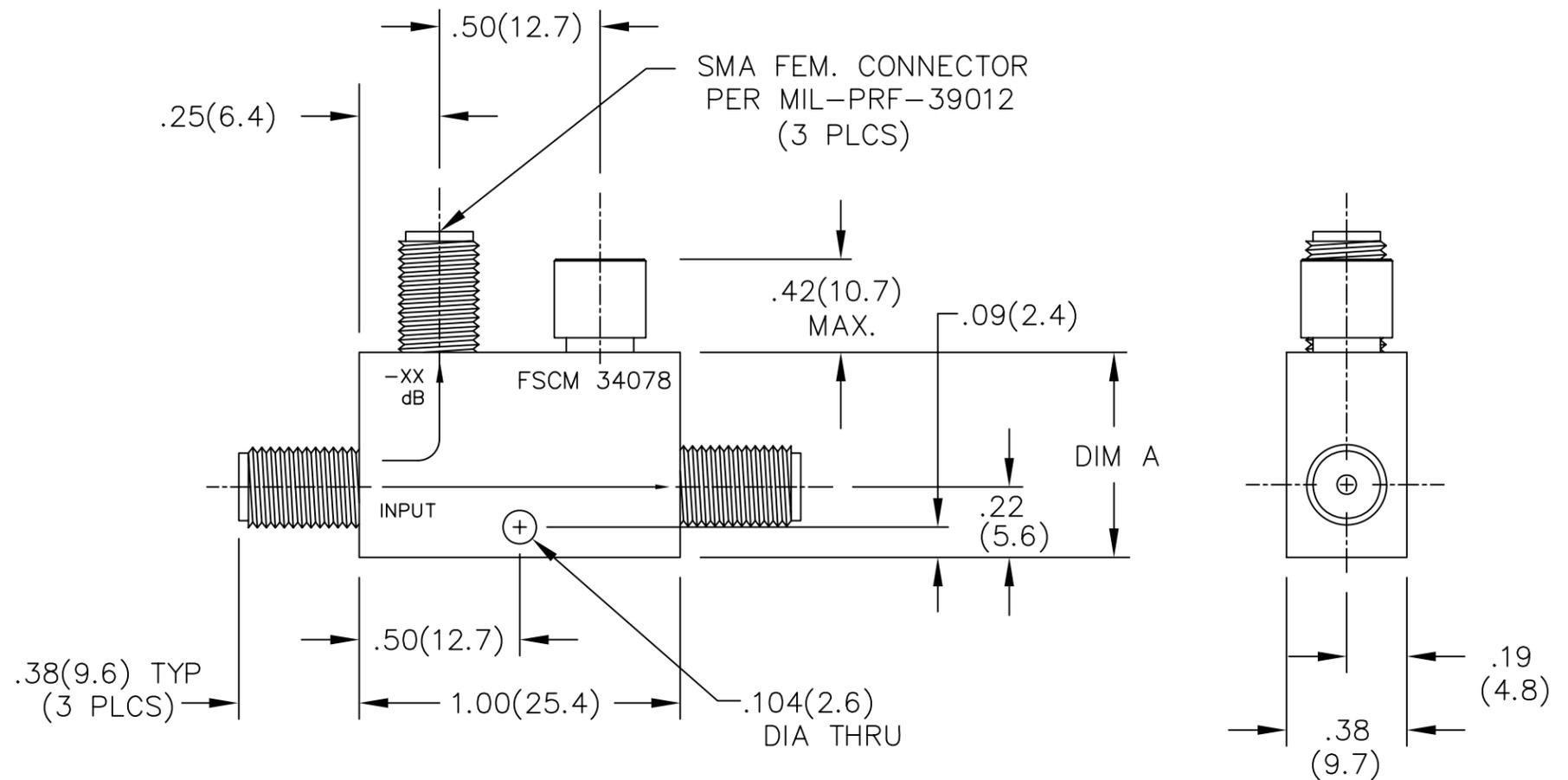
1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 7.0 to 12.4 GHz
- 1.2 FREQ. SENSITIVITY: SEE TABLE
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.35:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): SEE TABLE
- 1.6 DIRECTIVITY: 17dB 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-[20 THRU 23]

3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



BACKSIDE MARKING

MODEL NUMBER
CPL-5215-XX-SMA-79
REV.
A2

| | | | | | | | | |
|--------------------|-----------|---------------------|-------------------|----------------|---------------------|-----------|-------------------|-------------|
| CPL-5215-30-SMA-79 | .63(15.9) | 30dB | ±0.50dB | 0.30 | 50 | 50 | 4,000 | 0.67 (19.0) |
| CPL-5215-20-SMA-79 | .50(12.7) | 20dB | ±0.50dB | 0.30 | 50 | 50 | 4,000 | 0.60 (17.0) |
| CPL-5215-10-SMA-79 | .50(12.7) | 10dB | ±0.50dB | 0.40 | 50 | 10 | 4,000 | 0.60 (17.0) |
| CPL-5215-06-SMA-79 | .50(12.7) | 6dB | ±0.40dB | 0.40 | 50 | 4 | 4,000 | 0.60 (17.0) |
| CPL-5215-XX-SMA-79 | DIM A | -XX ±1.0dB COUPLING | FREQ. SENSITIVITY | INSERTION LOSS | INPUT POWER (WATTS) | REF. PEAK | Oz (GRAMS) WEIGHT | |

| | | | |
|---|---|-----------------------------------|--------------------------------------|
| 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 A.BEATTY 2/15/91 | ENG./DATE P.GOODMAN 4/11/91 | DRAWING NUMBER CPL-5215-XX-SMA-79 |
| | CHECKED/DATE A.CATALANO 4/11/91 | APPROVED/DATE | SCALE: 2=1 SHEET 1 of 1 |

| REV. | DESCRIPTION | DATE |
|------|------------------------|---------|
| - | RELEASED | 4/12/91 |
| A | ECN 10901 | 8/27/91 |
| A1 | CORRECT MISPELLED WORD | 1/6/92 |
| A2 | ADDED TITLEBLOCK | 4/20/05 |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Cinch Connectivity Solutions:](#)

[CPL-5215-20-SMA-79](#)