

Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)

[CPL-5211-20-SMA-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 1.0 to 2.0 GHz
- 1.2 FREQ. SENSITIVITY: ± 0.75 dB
- 1.3 COUPLING: 20 ± 1.0 dB
- 1.4 VSWR (MAX): 1.15:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.20dB MAX.
- 1.6 DIRECTIVITY: 25dB MIN.
- 1.7 POWER: AVG INPUT: 50 WATTS
AVG REVERSE: 50 WATTS
AVG PEAK: 4 KILOWATTS
- 1.8 RF IMPEDANCE: 50 OHMS

2.0 FINISHING:

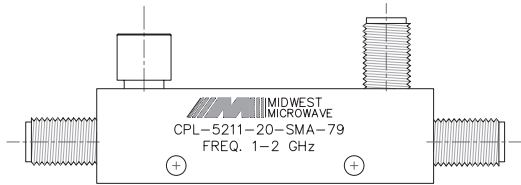
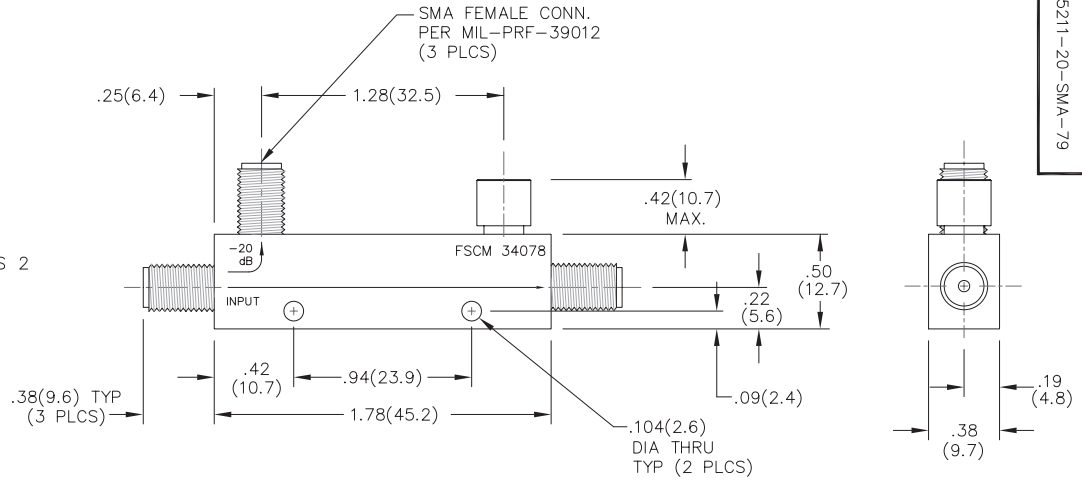
- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400 AND MIL-E-16400V.

2.2 MARK UNIT AS SHOWN.

REF: SLK:09341-82-06

- 3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

- 4.0 WEIGHT: 0.82 Oz (23.2 GRAMS)



BACKSIDE MARKING

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Cinch Connectivity Solutions.

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
3 PLACE DECIMALS $\pm .005$
2 PLACE DECIMALS $\pm .02$
FRACTIONS $\pm 1/64$
PARALLELITY: T.J.R.
FLATNESS: T.J.R.
CONCENTRICITY: T.J.R.
ANGLES AND PERPENDICULARITY: $\pm 1^\circ$

| | | | |
|---------------------------------------|------------------------------------|---|--------------|
| CAGE CODE 34078 | | MIDWEST MICROWAVE | |
| | | TITLE DIRECTIONAL COUPLER OUTLINE DRAWING | |
| DESIGNED/DATE A.BEATTY 11/15/91 | ENG./DATE P.GOODMAN 12/06/91 | DRAWING NUMBER CPL-5211-20-SMA-79-01 | REV. G |
| CHECKED/DATE C.BONK 11/19/91 | APPROVED/DATE | SCALE: 5=1 | SHEET 1 of 1 |

| | | |
|-------------|----------|-----------|
| DATE | 12/6/91 | 11/18/10 |
| DESCRIPTION | RELEASED | ECO 22874 |
| REV. | I | G |