

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Cinch Connectivity Solutions](#)

[CPL-5212-20-SMA-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

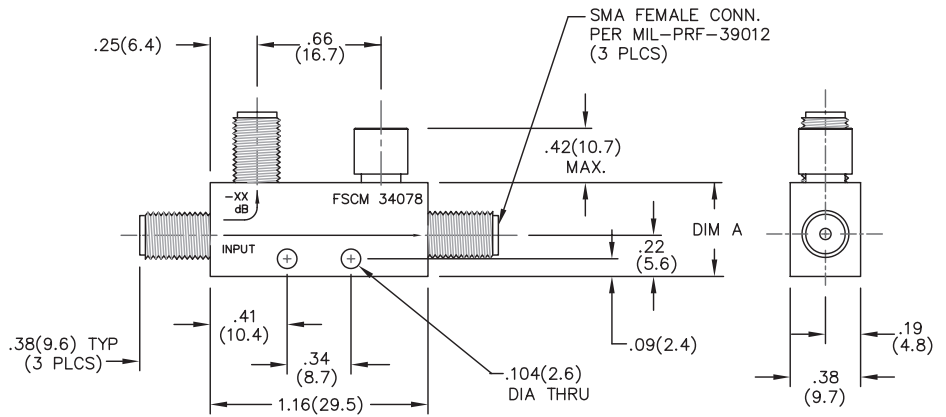
1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 4.0 GHz
- 1.2 FREQ. SENSITIVITY: SEE TABLE
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): 1.15:1
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.20dB MAX.
- 1.6 DIRECTIVITY: 22dB MIN
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS
- 2.0 FINISHING:

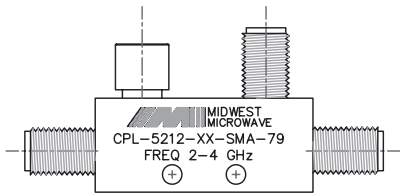
2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400 AND MIL-E-16400V.

2.2 MARK UNIT AS SHOWN.
REF: SLK-09341-82-[08 THRU 11]

3.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.



CPL-5212-30-SMA-79	30dB	±0.75dB	50	50	4,000	0.55	0.64 (18.2)
CPL-5212-20-SMA-79	20dB	±0.75dB	50	50	4,000	0.50	0.64 (18.2)
CPL-5212-10-SMA-79	10dB	±0.75dB	50	10	4,000	0.50	0.64 (18.2)
CPL-5212-06-SMA-79	6dB	±0.60dB	50	4	4,000	0.50	0.64 (18.2)
CPL-5212-XX-SMA-79	-XX ±1.0dB	FREQ. SENSITIVITY	INPUT POWER (WATTS)	REF. PEAK	DIM A	Oz (GRAMS)	WEIGHT



BACKSIDE MARKING

REV.	DESCRIPTION	DATE
-	RELEASED	7/30/93
A	ECN 13091	11/12/93
B	ECN 17181	7/14/99
B1	ADDED TITLEBLOCK	4/14/05

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 ±.005

2 PLACE DECIMALS ±.02

FRACTIONS ±1/64

PARALLELITY: T.I.R.

FLATNESS: T.I.R.

CONCENTRICITY: T.I.R.

ANGLES AND PERPENDICULARITY: ±1°

CAGE CODE

34078

MIDWEST MICROWAVE



TITLE

DIRECTIONAL COUPLER
OUTLINE DRAWING

DRWY/DATE

A.BEATTY
11/15/91

ENG/DATE

P.GOODMAN
7/29/93

CHECKED/DATE

M.HOLLMAN
7/29/93

APPROVED/DATE

DRAWING NUMBER

CPL-5212-XX-SMA-79-01

REV.

B1

SCALE: 5=1

SHEET 1 of 1