

Excellent Integrated System Limited

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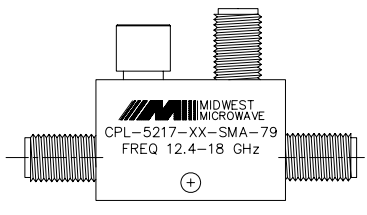
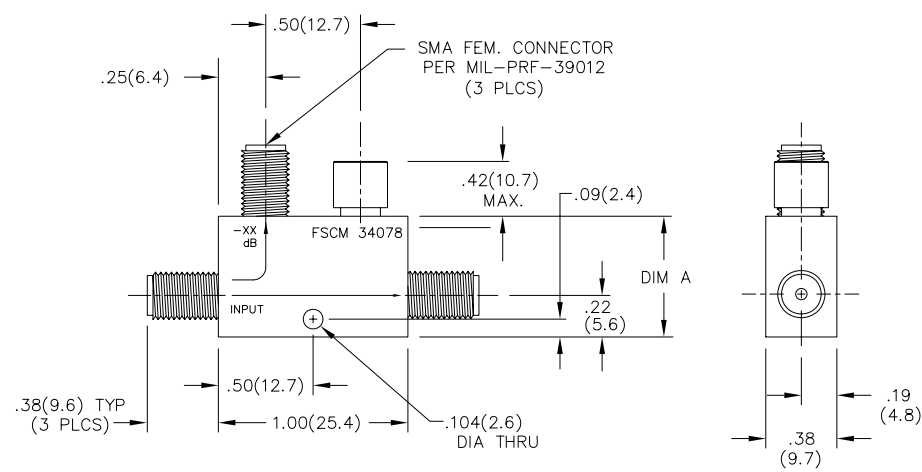
[CPL-5217-10-SMA-79](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

MODEL NUMBER
CPL-5217-XX-SMA-79
REV.
-2

- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: 12.4 to 18.0 GHz
 - 1.2 FREQ. SENSITIVITY: SEE TABLE
 - 1.3 COUPLING: SEE TABLE
 - 1.4 VSWR (MAX): SEE TABLE
 - 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.50dB MAX.
 - 1.6 DIRECTIVITY: 15dB 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-[28 THRU 31]
 - 3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



BACKSIDE MARKING

CPL-5217-30-SMA-79	.63(15.9)	30dB	±0.50dB	1.45:1	50	50	2,000	0.67 (19.0)
CPL-5217-20-SMA-79	.50(12.7)	20dB	±0.50dB	1.45:1	50	50	2,000	0.60 (17.0)
CPL-5217-10-SMA-79	.50(12.7)	10dB	±0.50dB	1.45:1	50	10	2,000	0.60 (17.0)
CPL-5217-06-SMA-79	.50(12.7)	6dB	±0.40dB	1.35:1	50	4	2,000	0.60 (17.0)
CPL-5217-XX-SMA-79	DIM A	-XX ±1.0dB	FREQ. COUPLING	(MAX) SENSITIVITY	INPUT VSWR	REF. POWER (WATTS)	PEAK	Oz (GRAMS) WIEGHT

DATE	DESCRIPTION	REV.
8/9/91	RELEASED	1
1/16/92	CORRECT TYPO	T
4/22/93	ADDED TITLEBLOCK	-2

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

3 PLACE DECIMALS ±.005
2 PLACE DECIMALS ±.02
FRACTIONS ±1/64

PARALLELITY: T.J.R. _____
FLATNESS: T.J.R. _____
CONCENTRICITY: T.J.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

DRAWING NUMBER: CPL-5217-XX-SMA-79

SCALE: 2=1 SHEET 1 of 1