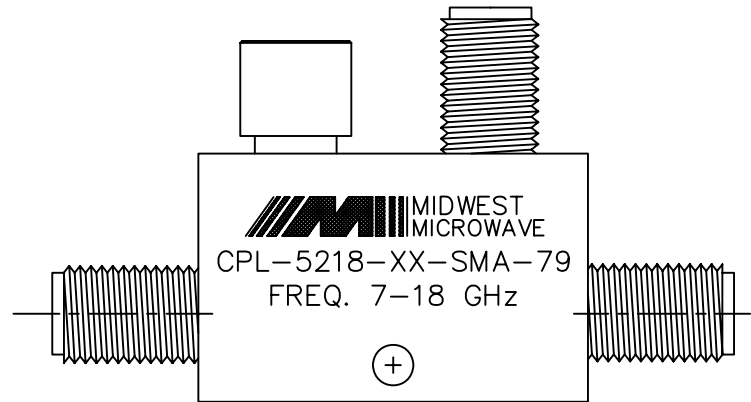


NOTES:

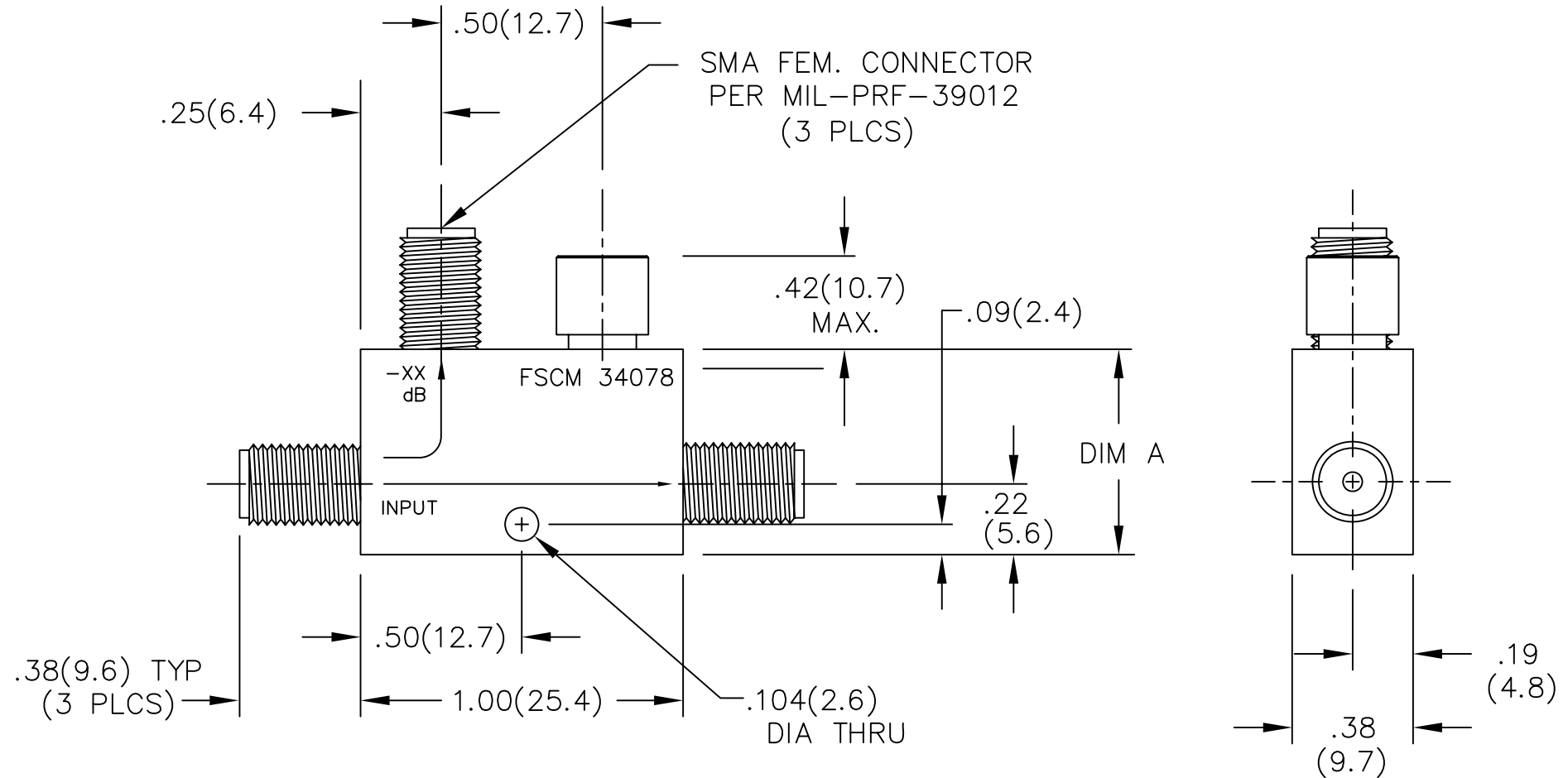
- 1.0 ELECTRICAL SPECIFICATIONS:
- 1.1 FREQUENCY RANGE: 7.0 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY: SEE TABLE
- 1.3 COUPLING: SEE TABLE
- 1.4 VSWR (MAX): SEE TABLE
- 1.5 INSERTION LOSS (EXC. COUPLED POWER): 0.50dB MAX.
- 1.6 DIRECTIVITY: 15dB MIN.
- 1.7 POWER: SEE TABLE
- 1.8 RF IMPEDANCE: 50 OHMS

- 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-[32 THRU 35]

- 3.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



BACKSIDE MARKING



CPL-5218-30-SMA-79	.63(15.9)	30dB	±0.75dB	1.45:1	50	50	3,000	0.67 (19.0)
CPL-5218-20-SMA-79	.50(12.7)	20dB	±0.75dB	1.45:1	50	50	3,000	0.60 (17.0)
CPL-5218-10-SMA-79	.50(12.7)	10dB	±0.75dB	1.45:1	50	10	3,000	0.60 (17.0)
CPL-5218-06-SMA-79	.50(12.7)	6dB	±0.50dB	1.35:1	50	4	3,000	0.60 (17.0)
CPL-5218-XX-SMA-79	DIM A	-XX ±1.0dB COUPLING	FREQ. SENSITIVITY	(MAX) VSWR	INPUT POWER (WATTS)	REF. PEAK		0z (GRAMS) WIEGHT

MODEL NUMBER
CPL-5218-XX-SMA-79
REV.
-1

REV.	DESCRIPTION	DATE
-	RELEASED	8/13/91
-1	ADDED TITLEBLOCK	4/22/05

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

DRAWING NUMBER
CPL-5218-XX-SMA-79

SCALE: 2=1 SHEET 1 of 1

DRAWN/DATE: A.BEATTY 8/9/91
ENG./DATE: T.MATTHEWS 8/9/91
CHECKED/DATE: C.RICKARD 8/9/91
APPROVED/DATE: _____