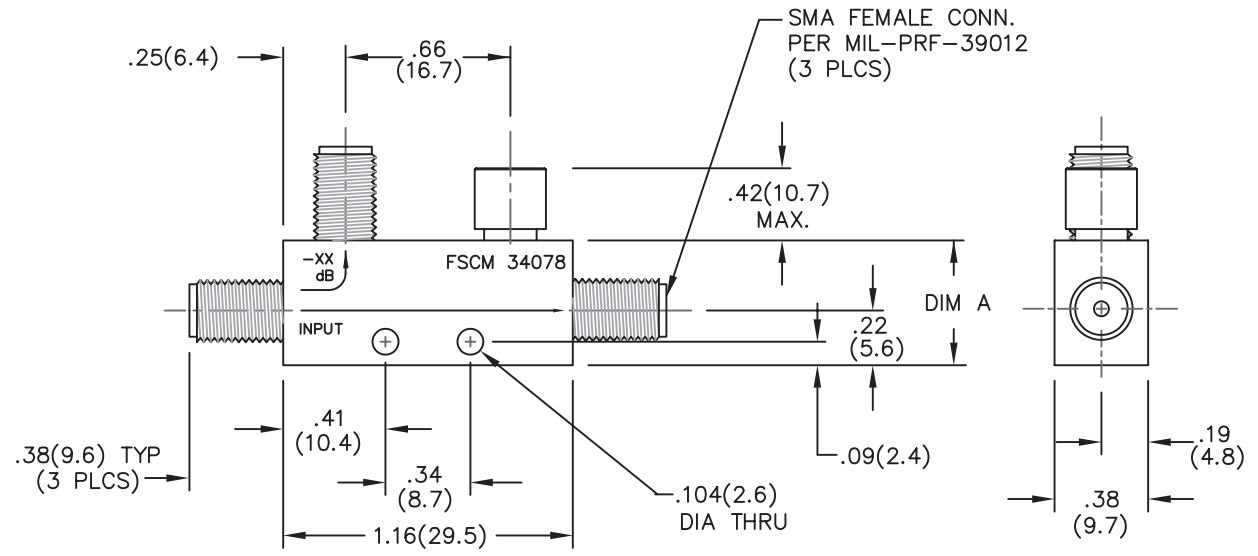


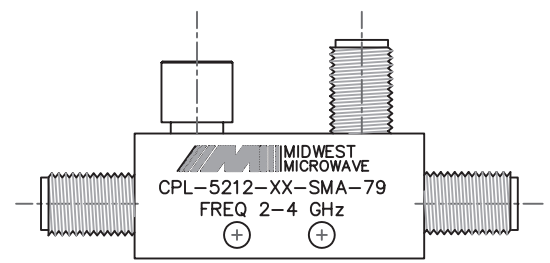
MODEL NUMBER  
CPL-5212-XX-SMA-79

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 MODEL NUMBER	-XX ±1.0dB COUPLING	FREQ. SENSITIVITY	INPUT POWER (WATTS)	REF. POWER (WATTS)	PEAK POWER (WATTS)	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 <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
DRAWN/DATE A.BEATTY 11/15/91	ENG./DATE P.GOODMAN 7/29/93	DRAWING NUMBER CPL-5212-XX-SMA-79-01	REV. B1
CHECKED/DATE M.HOLLMAN 7/29/93		APPROVED/DATE	SCALE: 5=1 SHEET 1 of 1