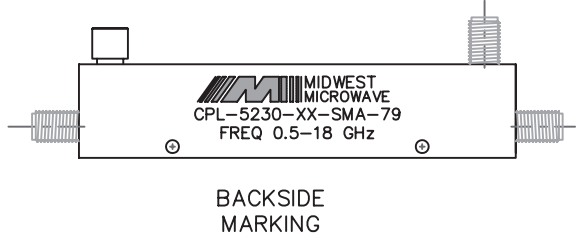
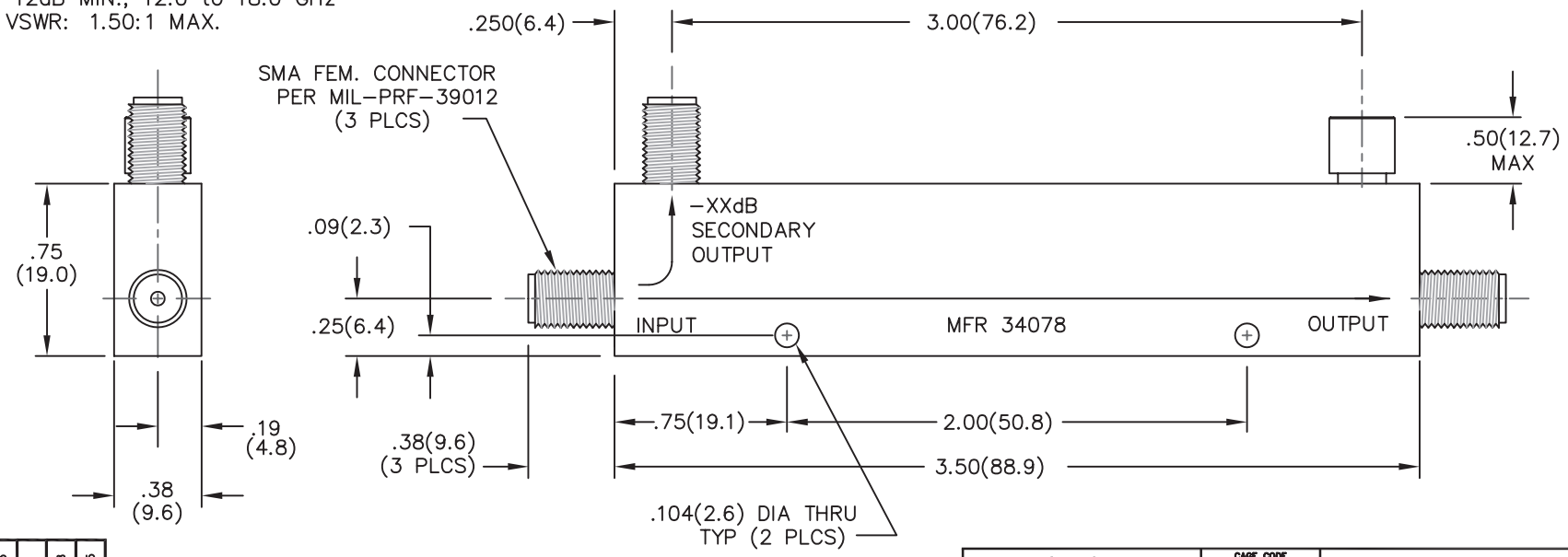


MODEL NUMBER
CPL-5230-XX-SMA-79

NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
- 1.1 FREQUENCY RANGE: 0.5 TO 18.0 GHz
- 1.2 FREQ. SENSITIVITY: ±1.0dB
- 1.3 COUPLING (INCLUDING FREQ. SENSITIVITY):
SEE TABLE (COUPLING IS REFERENCED TO OUTPUT PORT).
- 1.4 INSERTION LOSS:
1.45dB, INCLUDING COUPLING LOSS
1.00dB, EXCLUDING COUPLING LOSS
- 1.5 DIRECTIVITY: 15dB MIN.
15dB MIN., 0.5 to 12.0 GHz
12dB MIN., 12.0 to 18.0 GHz
- 1.6 VSWR: 1.50:1 MAX.
- 1.7 INPUT POWER: 50 W. AVG.
3 KW PEAK
- 1.8 RF IMPEDANCE: 50 OHMS
- 2.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.
- 3.0 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400


MODEL NUMBER	COUPLING
CPL-5230-XX-SMA-79	-XX ±1.5dB
CPL-5230-10-SMA-79	10
CPL-5230-16-SMA-79	16
CPL-5230-20-SMA-79	20



REV.	DESCRIPTION	DATE
-	RELEASED	7/16/91
A	ECN 11553	2/13/92
B	ECN 12669	5/21/93
C	ECN 13900	9/1/94
D	ECN 16487	2/13/98
D1	ADDED TITLEBLOCK	4/25/05

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	
		DRAWN/DATE A.BEATTY 7/15/91	ENG./DATE P.GOODMAN 7/15/91
CHECKED/DATE A.CATALANO 7/15/91		APPROVED/DATE	
SCALE: 5=1		SHEET 1 of 1	