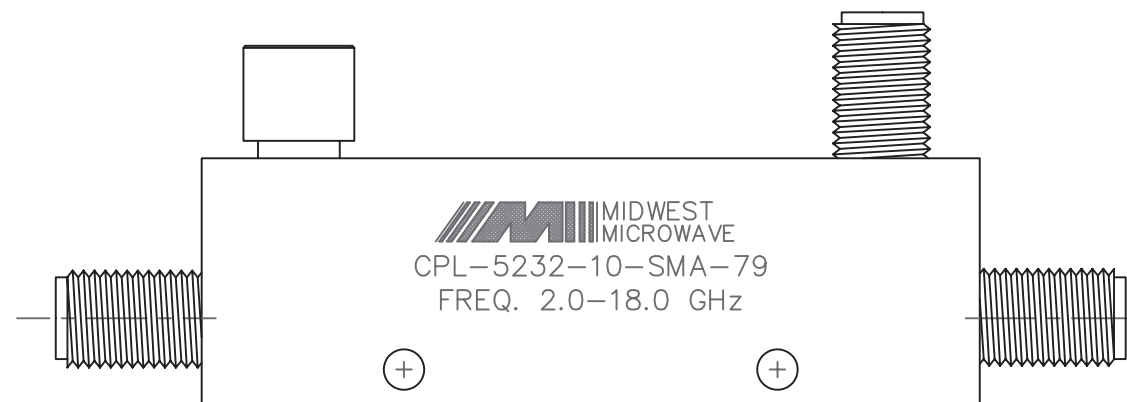
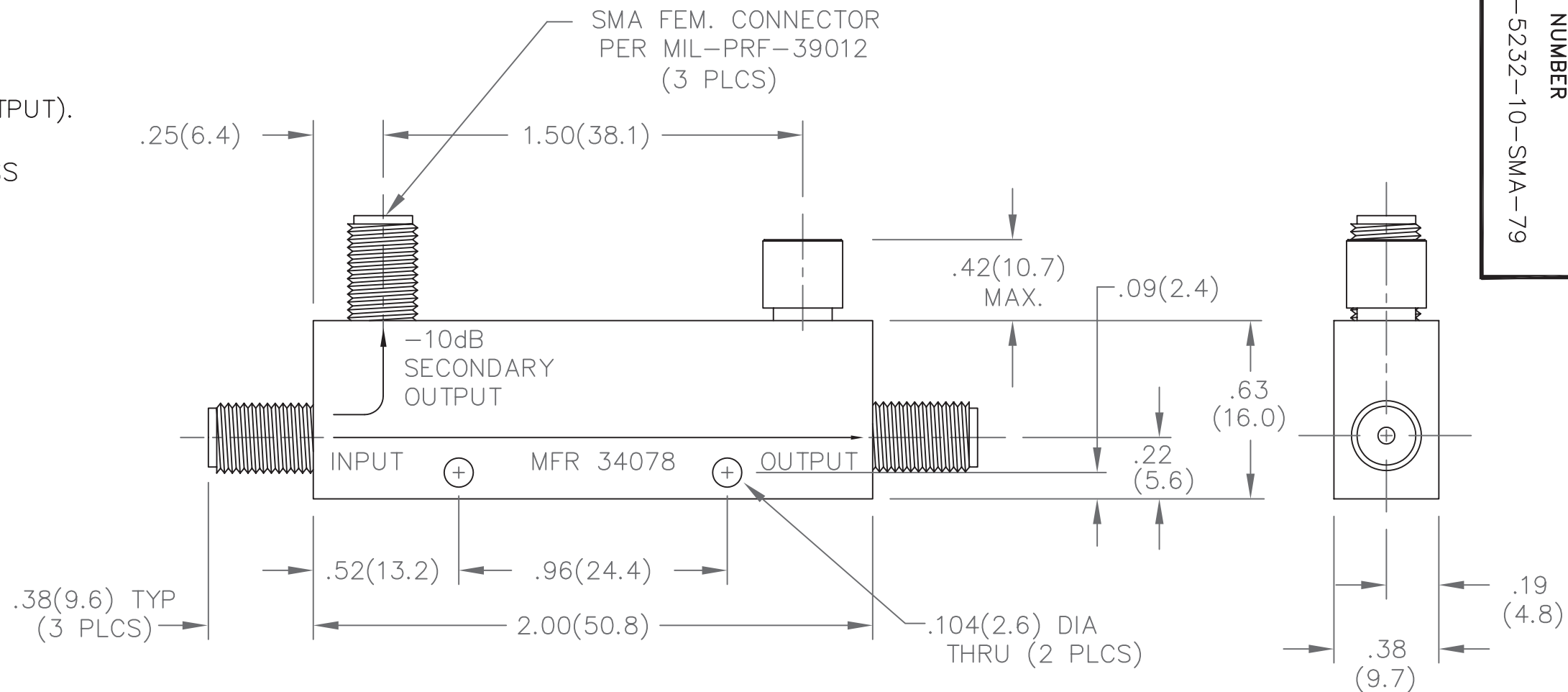



MODEL NUMBER  
CPL-5232-10-SMA-79

NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
  - 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
  - 1.2 FREQ. SENSITIVITY:  $\pm 0.50$ dB
  - 1.3 COUPLING (INCLUDING FREQ. SENSITIVITY):  
10 dB  $\pm 1.0$ dB (MEASURED WITH RESPECT TO OUTPUT).
  - 1.4 VSWR (MAX): 1.40:1
  - 1.5 INSERTION LOSS: 0.8dB EXCLUDING COUP. LOSS  
1.25dB INCLUDING COUP. LOSS
- 1.6 DIRECTIVITY:
  - 2 to 12 GHz: 15dB MIN.
  - 12 to 18 GHz: 12dB MIN.
- 1.7 POWER:
  - AVG.: 20 WATTS
  - PEAK: 3 KILOWATTS
- 1.8 RF IMPEDANCE: 50 OHMS
- 1.9 WEIGHT: 1.30 Oz. (36.9 GRAMS)
- 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.
- 3.0 DIMENSIONS IN PARENTHESIS ARE  
IN MILLIMETERS.



BACKSIDE MARKING

<b>NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Cinch Connectivity Solutions.</b>  UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS $\pm 0.005$ 2 PLACE DECIMALS $\pm 0.02$ FRACTIONS $\pm 1/64$ PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: $\pm 1'$	CAGE CODE <b>34078</b>	<b>MIDWEST MICROWAVE</b>	
			TITLE DIRECTIONAL COUPLER OUTLINE DRAWING
DRAWN/DATE A.BEATTY 12/11/91	ENG./DATE P.GOODMAN 12/12/91	DRAWING NUMBER CPL-5232-10-SMA-79-01	REV. K
CHECKED/DATE A.CATALANO 12/11/91	APPROVED/DATE	SCALE: 2=1	SHEET 1 of 1

DATE	12/12/91	11/09/10
DESCRIPTION	RELEASED	ECO 22798
REV.	I	K