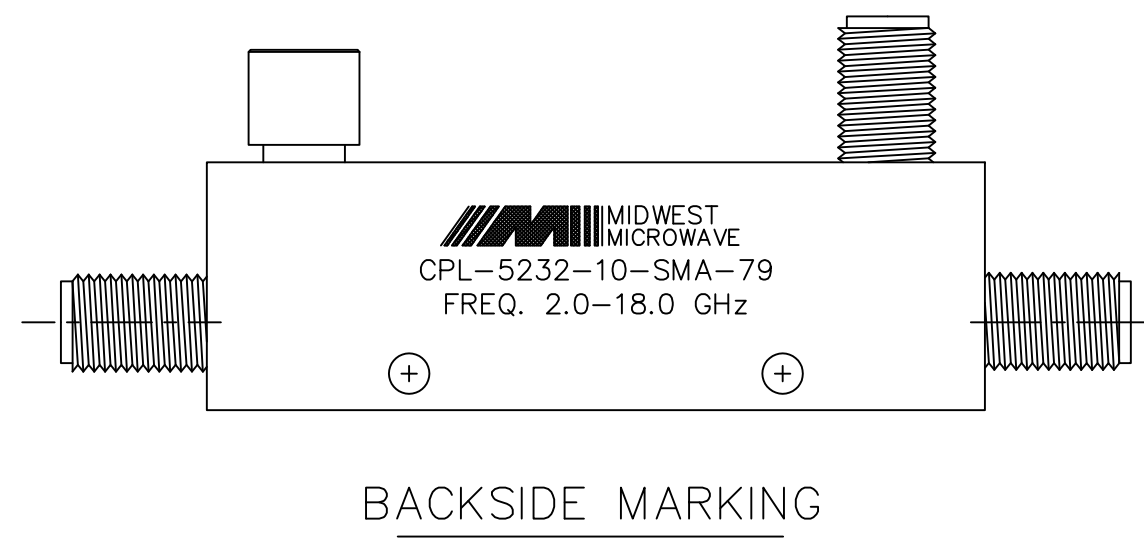
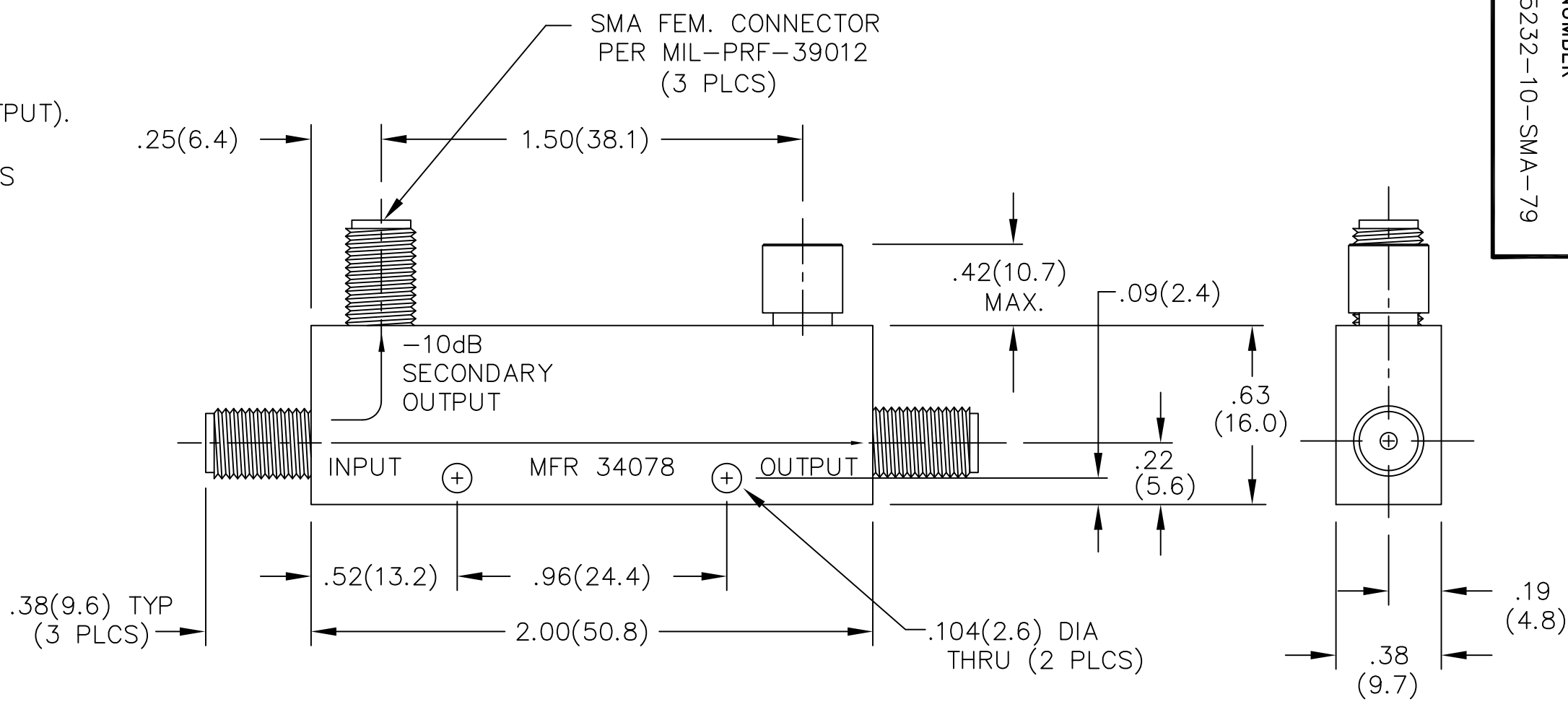


MODEL NUMBER  
CPL-5232-10-SMA-79

NOTES:

- 1.0 ELECTRICAL SPECIFICATIONS:
  - 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
  - 1.2 FREQ. SENSITIVITY:  $\pm 0.60$  dB
  - 1.3 COUPLING (INCLUDING FREQ. SENSITIVITY):  
10 dB  $\pm 1.0$  dB (MEASURED WITH RESPECT TO OUTPUT).
  - 1.4 VSWR (MAX): 1.50:1
  - 1.5 INSERTION LOSS: 0.8 dB EXCLUDING COUP. LOSS  
1.25 dB INCLUDING COUP. LOSS
  - 1.6 DIRECTIVITY:
    - 2 to 12 GHz: 15 dB MIN.
    - 12 to 18 GHz: 12 dB 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

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.

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	
		DRAWING NUMBER CPL-5232-10-SMA-79-01	REV. L
DRAWN/DATE A.BEATTY 12/11/91	ENG./DATE P.GOODMAN 12/12/91	SCALE: 2=1	SHEET 1 of 1

DATE	12/12/91	11/09/10	6/14/13
DESCRIPTION	RELEASED	ECO 22798	ECO 24809
REV.	I	K	L