

MODEL NUMBER
CPL-5232-20-SMA-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY: ± 0.60 dB
- 1.3 COUPLING (INCLUDING FREQ. SENSITIVITY):
20 dB ± 1.0 dB (MEASURED WITH RESPECT TO OUTPUT).
- 1.4 VSWR (MAX): 1.50:1
- 1.5 INSERTION LOSS: 0.8dB EXCLUDING COUP. LOSS
0.85dB 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

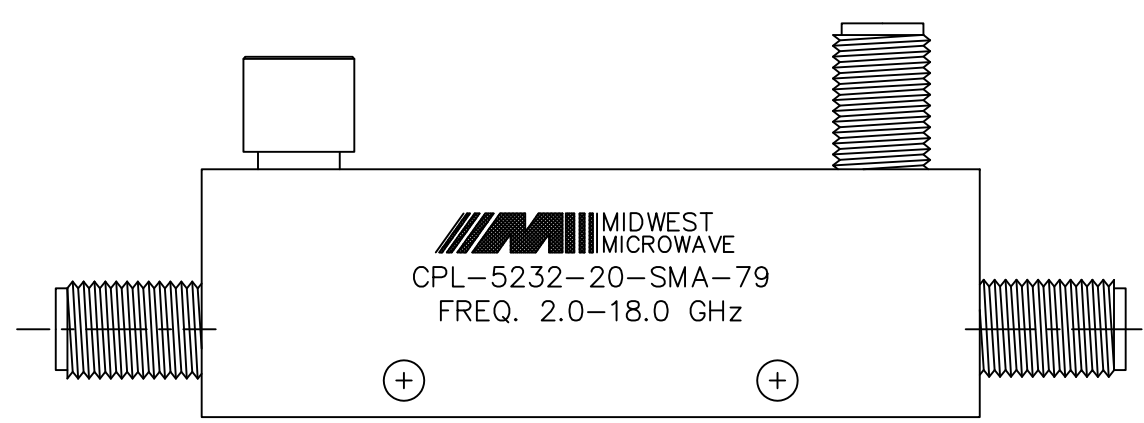
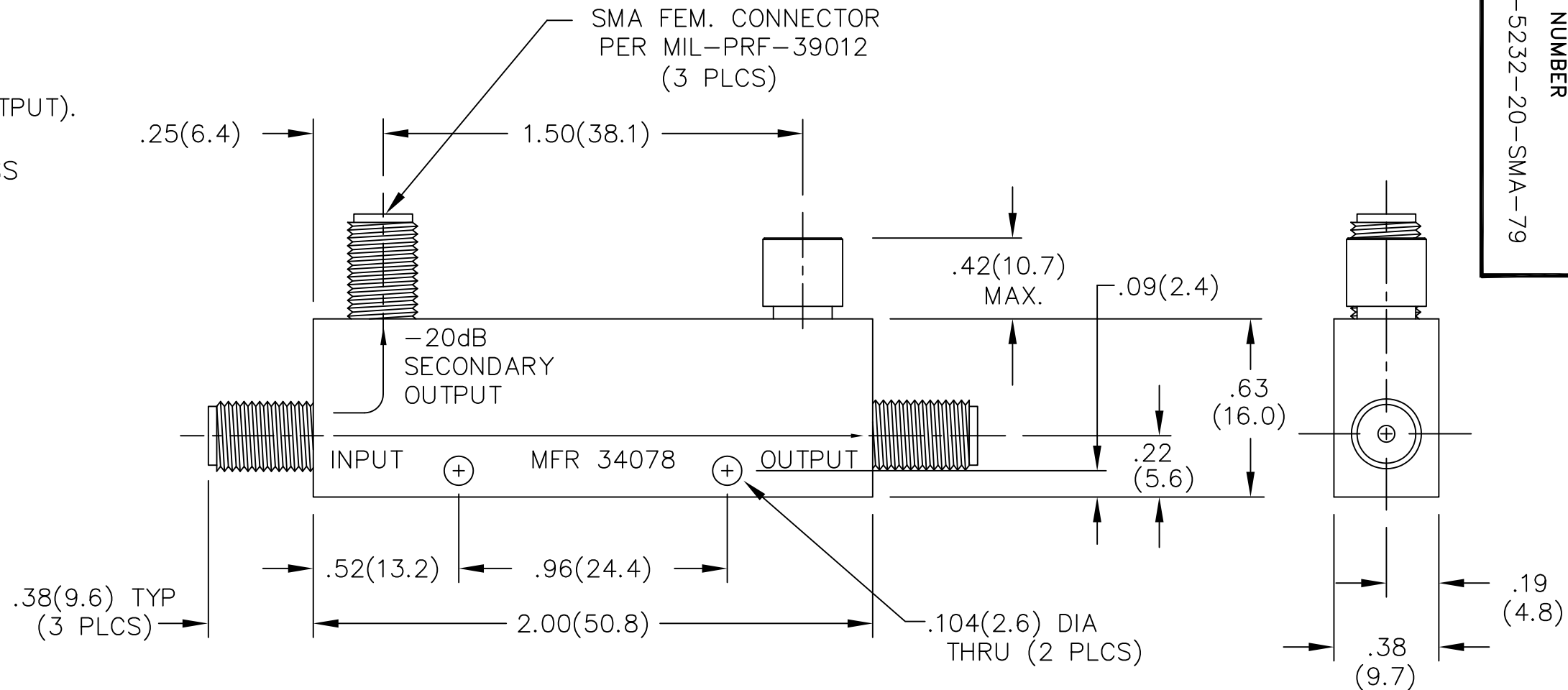
1.8 RF IMPEDANCE: 50 OHMS

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

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.		CAGE CODE 34078		MIDWEST MICROWAVE	
UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ± 0.005 2 PLACE DECIMALS ± 0.02 FRACTIONS $\pm 1/64$ PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: $\pm 1^\circ$		 EMERSON Network Power Connectivity Solutions		TITLE DIRECTIONAL COUPLER OUTLINE DRAWING	
DRAWN/DATE A.BEATTY 12/11/91		ENG./DATE P.GOODMAN 12/12/91		DRAWING NUMBER CPL-5232-20-SMA-79-01	
CHECKED/DATE A.CATALANO 12/11/91		APPROVED/DATE		REV. K	
SCALE: 2=1		SHEET 1 of 1			

DATE	12/12/91	11/09/10	6/13/13
DESCRIPTION	RELEASED	ECO 22799	ECO 24809
REV.	I	H	K