

MODEL NUMBER  
CPL-5044-30-NNN-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

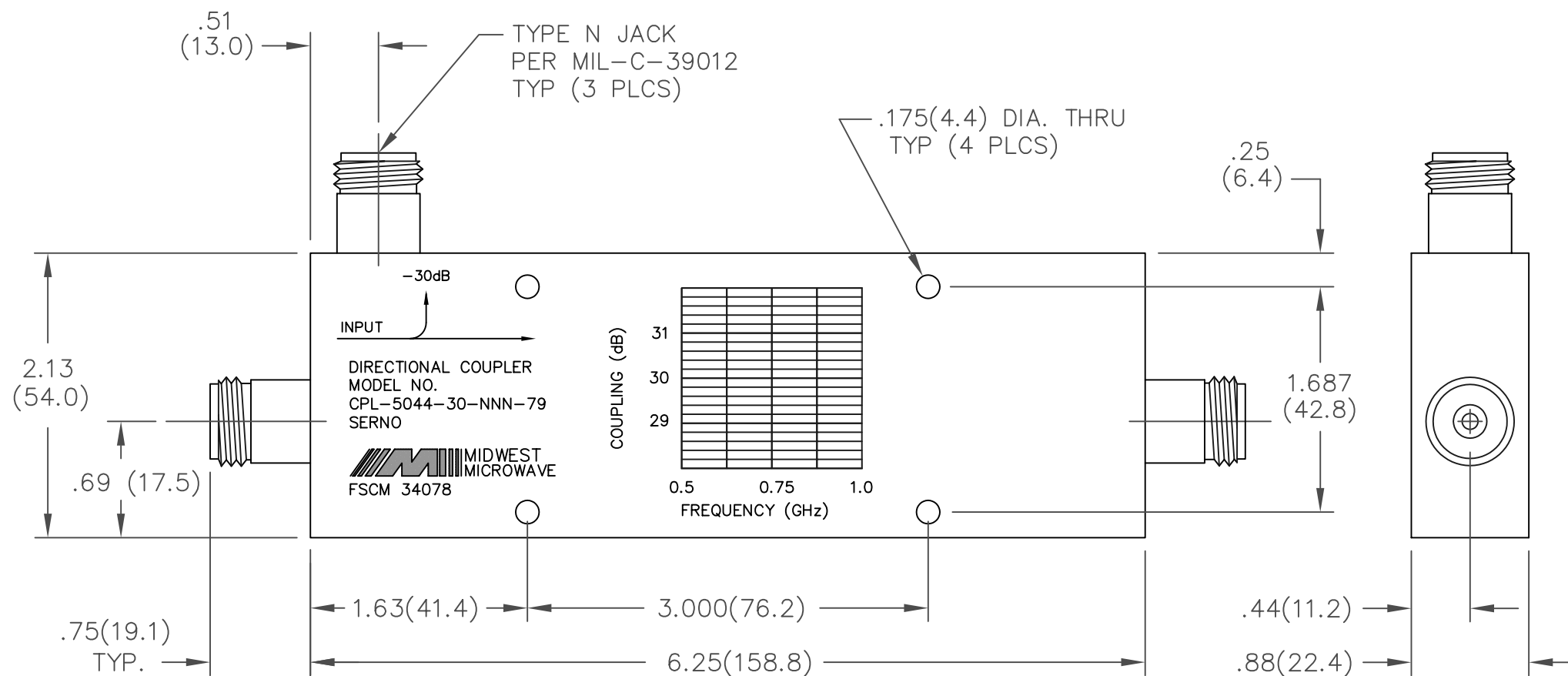
- 1.1 FREQUENCY RANGE: 0.5 to 1.0 GHz\*
- 1.2 COUPLING: 30 ±1.0dB
- 1.3 FREQUENCY SENSITIVITY: ±0.75dB
- 1.4 INSERTION LOSS: 0.20dB MAX.
- 1.5 DIRECTIVITY: 25dB MIN.
- 1.6 VSWR: 1.15:1 MAX.
- 1.7 INPUT POWER:
  - AVG INPUT: 500 WATTS
  - AVG REVERSE: 500 WATTS
  - AVG PEAK: 10 KILOWATTS

2.0 WEIGHT: 0.53 Kg. (1.2 lbs.)

3.0 FINISHING:

- 3.1 GREY PER MIL-E-15090 TYPE II, CLASS 2  
OVER MIL-C-5541 CLASS 3A  
MEETS MIL-F-14072  
MEETS MIL-E-5400
- 3.2 MARK UNIT AS SHOWN  
(REF.: SLK-09143-82-03)  
USING BLUE INK.

4.0 DIMENSIONS IN PARENTHESIS  
ARE IN MILLIMETERS.



\*GUARANTEED PERFORMANCE OVER 0.45-0.50 GHz RANGE:  
COUPLING: 31 ±1dB,  
ALL OTHERS SPECIFICATIONS, SAME AS IN NOTES 1.3 - 1.7 ABOVE.

NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Emerson Network Power.	CAGE CODE <b>34078</b>	<b>MIDWEST MICROWAVE</b>	
	 <b>EMERSON</b> Network Power Connectivity Solutions		TITLE DIRECTIONAL COUPLERS OUTLINE DRAWING
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'	DRAWN/DATE A.BEATTY 10/27/93	ENG./DATE P.GOODMAN 1/27/94	DRAWING NUMBER CPL-5044-30-NNN-79-01
	CHECKED/DATE M.HOLLMAN 1/20/94	APPROVED/DATE	REV. D
SCALE: 1=1		SHEET 1 of 1	

REV.	DESCRIPTION	DATE
I	RELEASED	10/27/93
A	ECN 14443	4/28/95
B	ECN 19106	3/18/03
D	ECO 22855	11/17/10