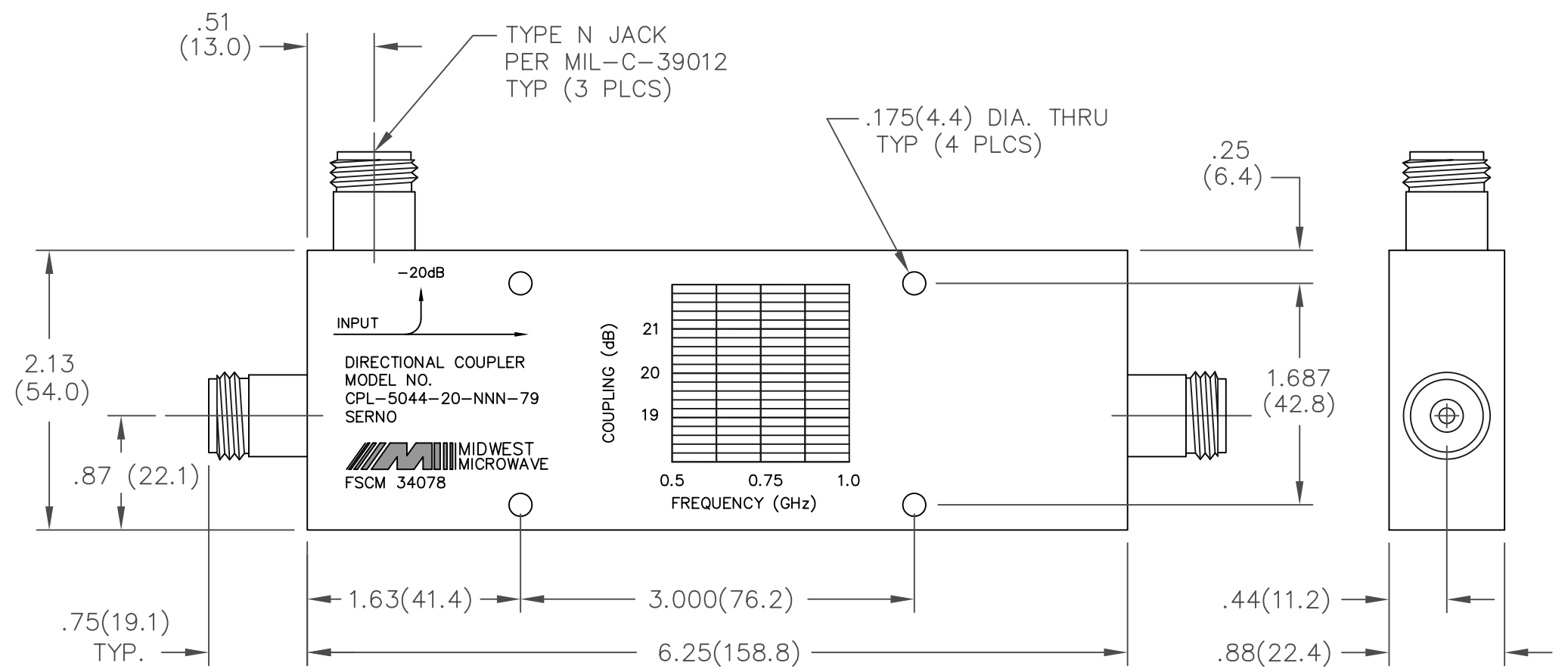


MODEL NUMBER
CPL-5044-20-NNN-79

- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
 - 1.1 FREQUENCY RANGE: 0.5 to 1.0 GHz*
 - 1.2 COUPLING: 20 ±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-09143-82-02)
USING BLUE INK.

4.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.



*GUARANTEED PERFORMANCE OVER 0.45-0.50 GHz RANGE:
COUPLING: 21 ±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 34078	MIDWEST MICROWAVE
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°	 EMERSON Network Power Connectivity Solutions	TITLE DIRECTIONAL COUPLERS OUTLINE DRAWING
DRAWN/DATE A.BEATTY 10/27/93	ENG./DATE P.GOODMAN 1/27/94	DRAWING NUMBER CPL-5044-20-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 22796	11/8/10