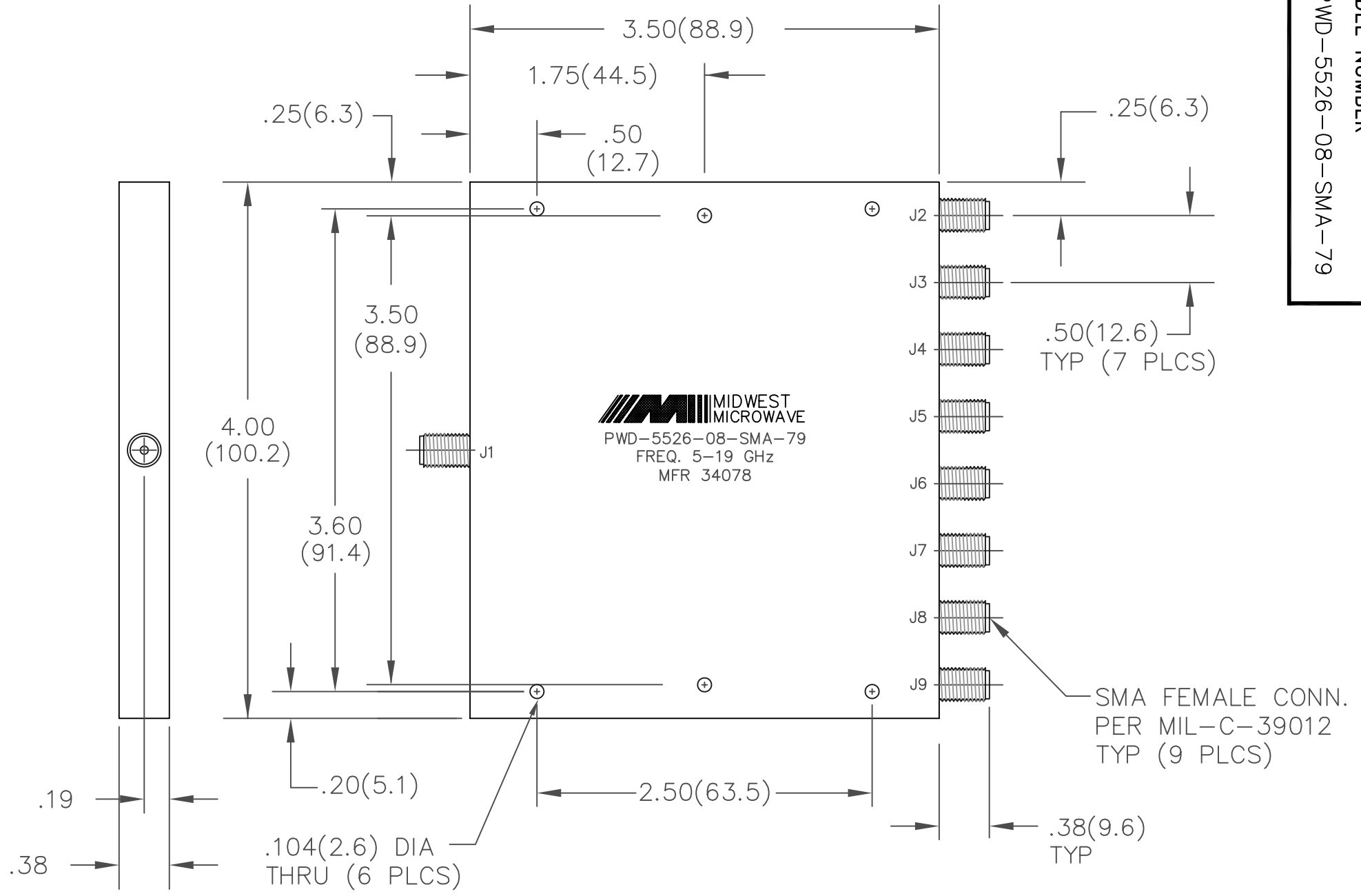


MODEL NUMBER
PWD-5526-08-SMA-79

NOTES:
 1.0 ELECTRICAL SPECIFICATIONS:
 1.1 FREQUENCY RANGE: 5.0 to 19.0 GHz
 1.2 INSERTION LOSS: 0.4dB+0.08f dB MAX.,
 WHERE f IS FREQUENCY IN GHz
 (WHEN REFERENCED TO 9.0dB
 NOMINAL POWER DIVISION LOSS)
 1.3 ISOLATION: 20dB 5.0 to 18.0 GHz
 18dB 18.0 to 19.0 GHz
 1.4 VSWR: INPUT, 1.50:1 MAX.
 OUTPUTS, 1.35:1 MAX.
 1.5 OUTPUT UNBALANCE:
 1.5.1 AMPLITUDE: 0.03f dB MAX.
 1.5.2 PHASE: 0.4f DEG. MAX.,
 WHERE f IS FREQUENCY IN GHz
 1.6 MAX. INPUT POWER: 10.0 WATTS, WITH ALL
 OUTPUTS TERMINATED BY LOADS WITH
 VSWR < 2.0:1
 1.7 STORAGE TEMP. RANGE: -65°C to +125°C
 1.8 OPERATING TEMP. RANGE: -54°C to +125°C
 2.0 WEIGHT: 273 GRAMS (9.0 Oz.)
 3.0 FINISHING:
 3.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2
 OVER MIL-C-5541 CLASS 3A
 MEETS MIL-F-14072
 MEETS MIL-E-5400
 3.2 MARKING: MARK UNIT AS SHOWN
 USING BLUE INK (REF.: SLK-09427-82-02)
 4.0 DIMENSIONS IN PARENTHESIS ARE
 IN MILLIMETERS.



| REV. | DESCRIPTION | DATE |
|------|-------------|----------|
| I | RELEASED | 4/17/92 |
| A | ECN 13456 | 3/29/94 |
| B | ECN 15663 | 12/26/96 |
| C | ECN 17296 | 10/1/99 |
| D | ECN 18741 | 9/20/02 |
| E | ECN 18749 | 9/26/02 |
| F | ECN 18988 | 1/20/03 |
| G | ECN 21686 | 3/14/08 |

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 ±.005
 2 PLACE DECIMALS ±.02
 FRACTIONS ±1/64
 PARALLELITY: T.I.R. _____
 FLATNESS: T.I.R. _____
 CONCENTRICITY: T.I.R. _____
 ANGLES AND PERPENDICULARITY: ±1°

CAGE CODE
34078 **MIDWEST MICROWAVE**

EMERSON
 Network Power
 Connectivity Solutions

TITLE
 POWER DIVIDER
 OUTLINE DRAWING

DRAWING NUMBER
 PWD-5526-08-SMA-79-01

REV.
 G

SCALE: 1=1 SHEET 1 of 1

DRAWN/DATE
 A.BEATTY
 4/7/92

ENG./DATE
 P.GOODMAN
 4/17/92

CHECKED/DATE
 A.OSGA
 4/17/92

APPROVED/DATE