

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

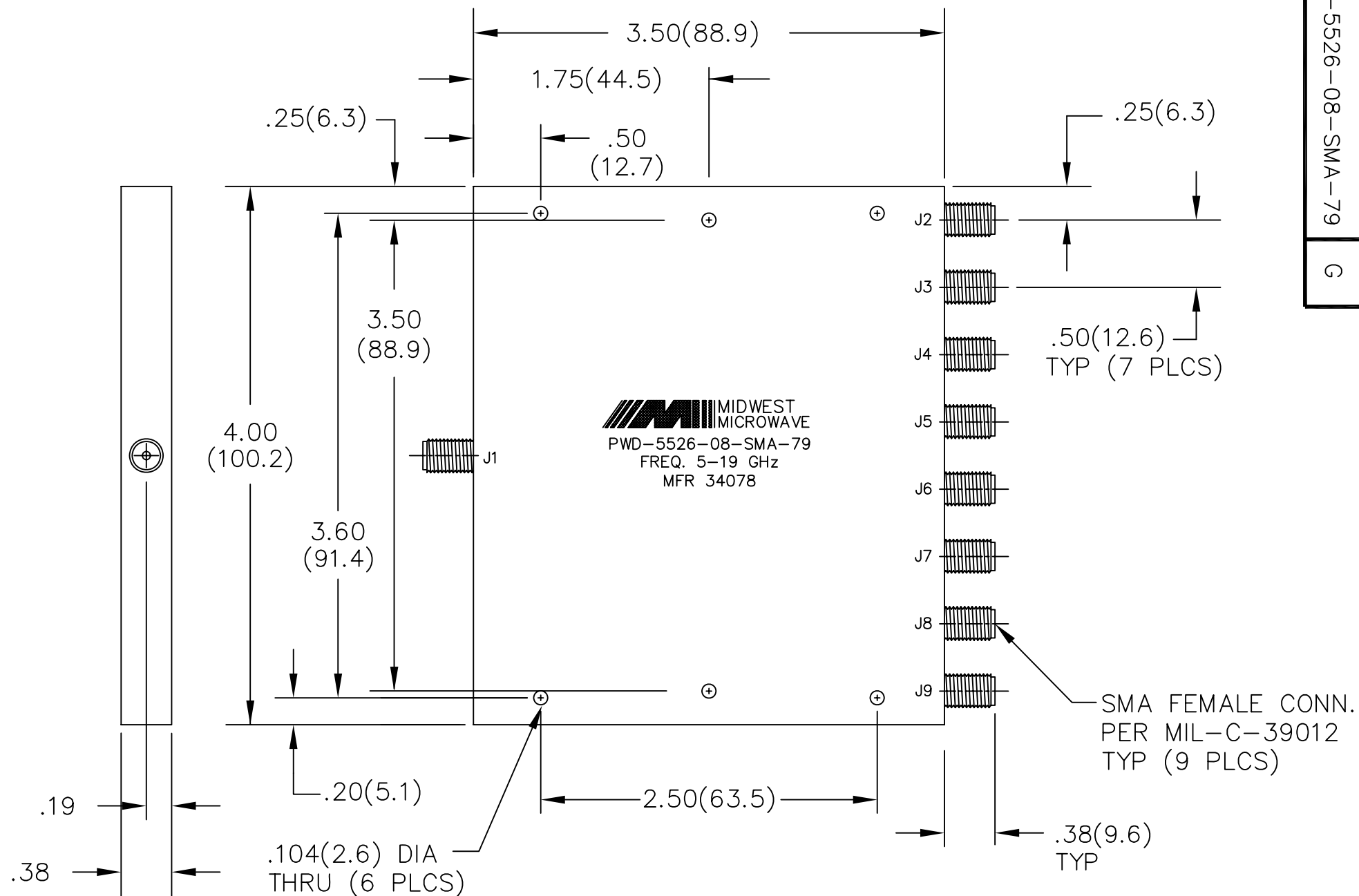
2.0 WEIGHT: 273 GRAMS (9.0 Oz.)

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.



MODEL NUMBER
PWD-5526-08-SMA-79
REV.
G

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

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:		FSCM NO. 34078		MIDWEST MICROWAVE	
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°		NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave		TITLE POWER DIVIDER	
DRAWN/DATE A.BEATTY 4/7/92		ENG./DATE P.GOODMAN 4/17/92		DRAWING NUMBER PWD-5526-08-SMA-79	
CHECKED/DATE A.OSGA 4/17/92		APPROVED/DATE		SCALE: 1=1 SHEET 1 of 1	