

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
- 1.2 INSERTION LOSS: 1.0dB MAX.
- 1.3 ISOLATION: 17dB MIN
- 1.4 VSWR (MAX): 1.60:1
- 1.5 OUTPUT UNBALANCE:
 - 1.5.1 AMPLITUDE: 0.25dB MAX.
 - 1.5.2 PHASE: 8° MAX.
- 1.6 MAXIMUM INPUT POWER: 10.0 WATTS
(WITH OUTPUT LOADS OF VSWR ≤ 2.0:1)
- 1.7 OPERATING TEMP RANGE: -65°C to +125°C

2.0 FINISH:

- 2.1 EPOXY SEAL WITH EMERSON CUMING ECCOBOND.
45 EPOXY AND CATALYST 15
- 2.2 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400

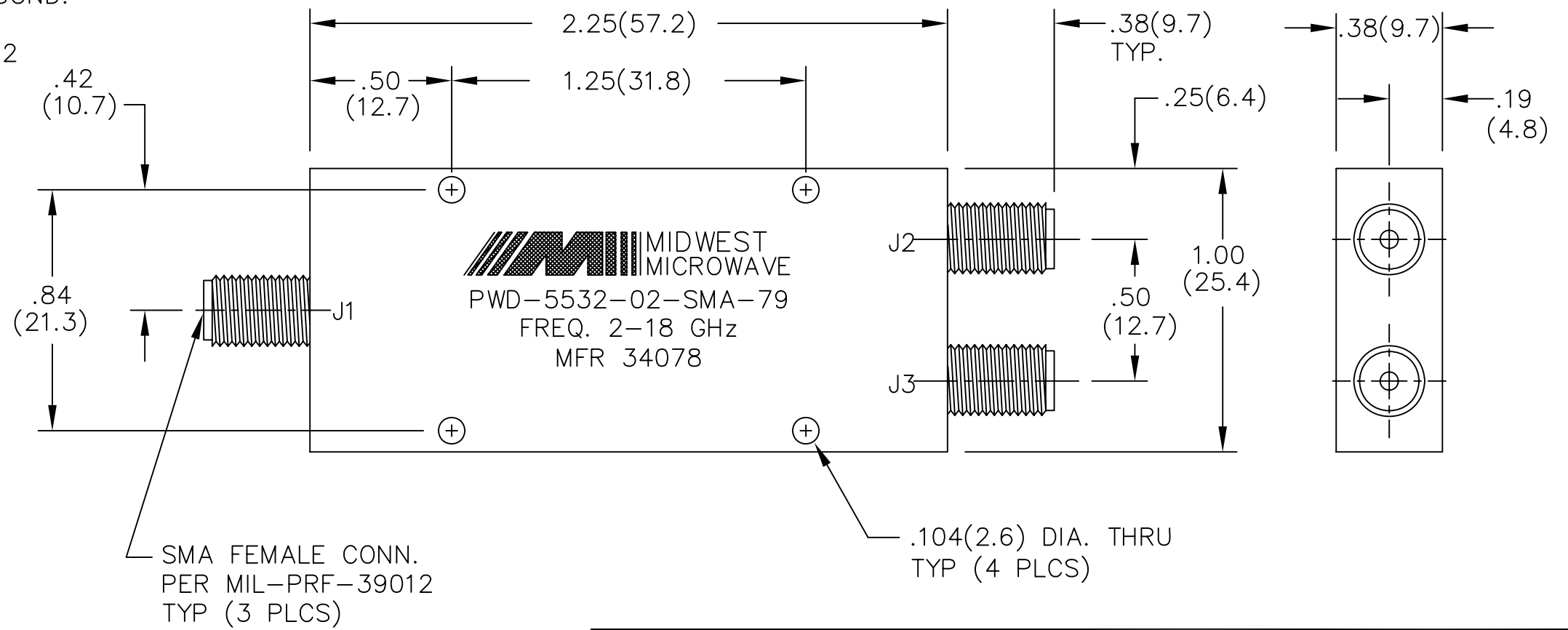
3.0 MARKING: MARK UNIT AS SHOWN
(REF.: SLK-09422-82-01)

4.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.

NOTE: NO DATA REQUIRED

MODEL NUMBER
PWD-5532-02-SMA-79

REV.
D1



REV.	DESCRIPTION	DATE
-	RELEASED	10/27/89
A	ECR 6968	10/26/89
B	ECN 10374	3/26/91
C	ECN 12010	7/31/92
D	ECN 14008	10/13/94
D1	ADDED TITLEBLOCK	7/20/05

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°	FSCM NO. 34078	MIDWEST MICROWAVE		
	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 7/31/92	ENG./DATE P.GOODMAN 8/6/92	DRAWING NUMBER PWD-5532-02-SMA-79	
	CHECKED/DATE A.BEATTY 7/31/92	APPROVED/DATE	SCALE: 2=1	SHEET 1 of 1