

MODEL NUMBER  
PWD-5532-02-SMA-79

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

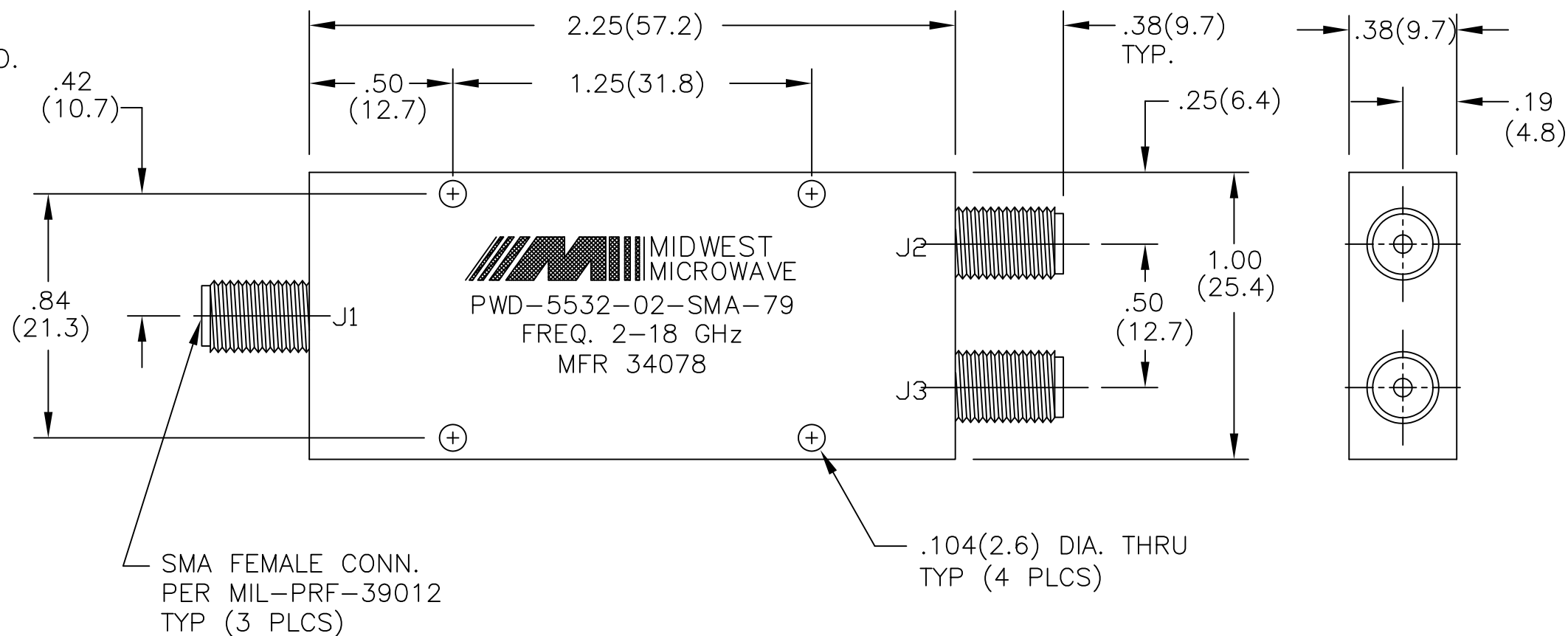
2.0 FINISH:

- 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



SMA FEMALE CONN.  
PER MIL-PRF-39012  
TYP (3 PLCS)

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: ±2'

CAGE CODE <b>34078</b>		<b>MIDWEST MICROWAVE</b>	
 <b>EMERSON</b> Network Power Connectivity Solutions		TITLE POWER DIVIDER OUTLINE DRAWING	
		DRAWN/DATE A.BEATTY 7/31/92	ENG./DATE P.GOODMAN 8/6/92
CHECKED/DATE A.BEATTY 7/31/92		APPROVED/DATE	DRAWING NUMBER PWD-5532-02-SMA-79-01
SCALE: 2=1		SHEET 1 of 1	REV. D1

REV.	DESCRIPTION	DATE
I	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