NOTES:

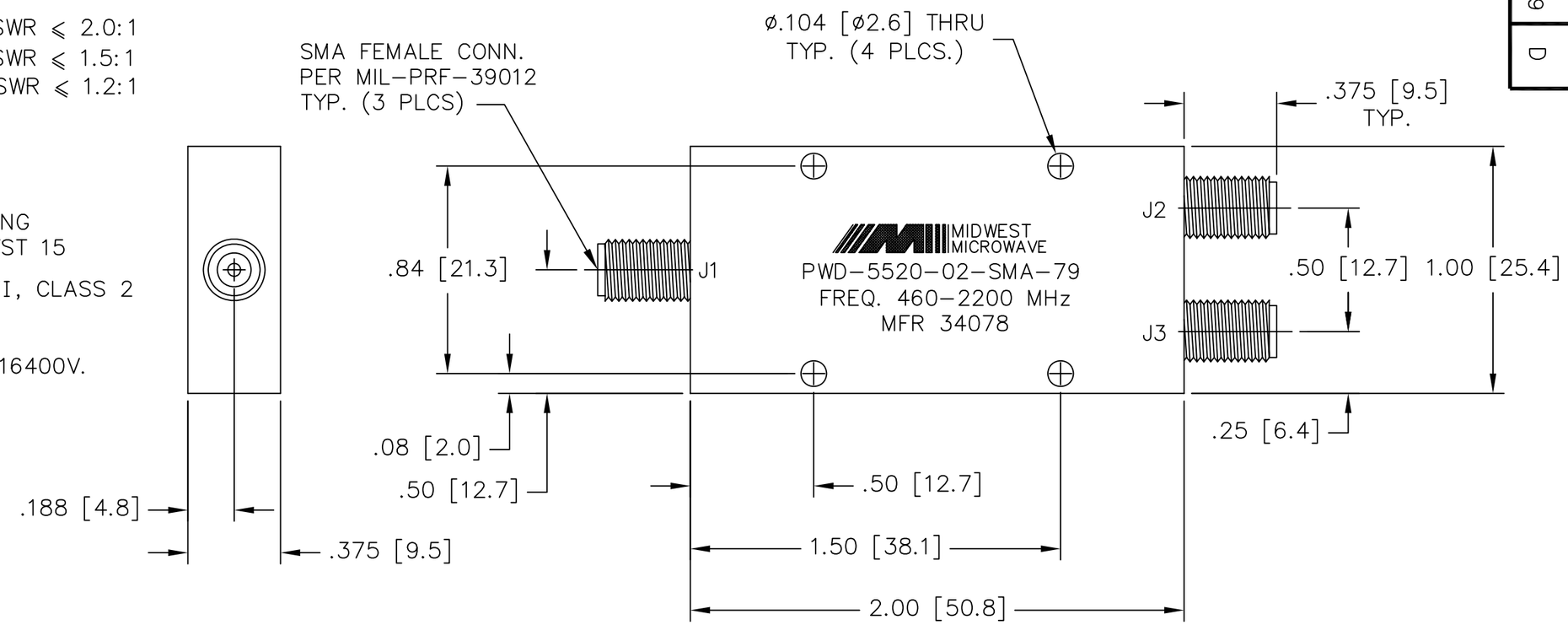
1.0 ELECTRICAL SPECIFICATIONS:
- 1.1 FREQUENCY RANGE: 460 to 2200 MHz
- 1.2 INSERTION LOSS: 0.5dB MAX.
- 1.3 ISOLATION: 20dB MIN.
- 1.4 VSWR (MAX): 1.25:1
- 1.5 OUTPUT UNBALANCE:
  - 1.5.1 AMPLITUDE: 0.2dB MAX.
  - 1.5.2 PHASE: 4.0° MAX.
- 1.6 MAX. INPUT POWER:
  - 3 WATTS WITH OUTPUT LOAD VSWR ⩽ 2.0:1
  - 8 WATTS WITH OUTPUT LOAD VSWR ⩽ 1.5:1
  - 20 WATTS WITH OUTPUT LOAD VSWR ⩽ 1.2:1
- 1.7 OPERATING TEMP. RANGE: −65°C to +125°C

2.0 FINISH
- 2.1 EPOXY SEAL WITH EMERSON−CUMING ECCOBOND 45 EPOXY & 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 AND MIL−E−16400V.

3.0 DATA: (NO DATA REQUIRED)

4.0 DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS.

5.0 MARKING: MARK UNIT AS SHOWN (REF.: SLK−09422−82−09)



MODEL NUMBER: PWD−5520−02−SMA−79
REV. D

REV.	DESCRIPTION	DATE
−	RELEASED	7/2/93
A	ECN 19023	2/4/03
B	ECN 19025	2/5/03
C	ECN 19102	3/18/03
D	ECN 19458	11/4/03

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	ENG./DATE	DRAWING NUMBER
A.BEATTY 6/28/93	P.GOODMAN 7/2/93	PWD−5520−02−SMA−79
CHECKED/DATE M.HOLLMAN 7/1/93	APPROVED/DATE	SCALE: 2=1 — SHEET 1 of 1