

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Cinch Connectivity Solutions](#)  
[PWD-5530-12-SMA-79](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

NOTES:

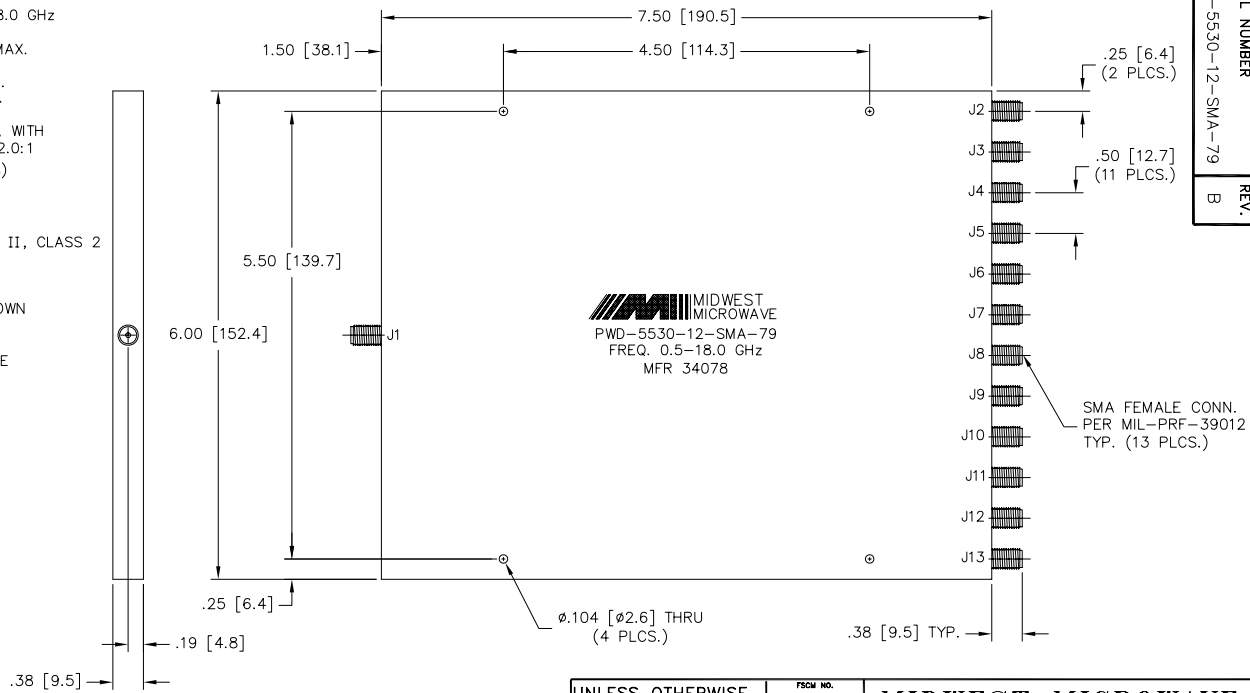
1.0 SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 0.5 to 18.0 GHz
- 1.2 INSERTION LOSS: 1.2 + .30f
- 1.3 AMPLITUDE BALANCE: 1.2dB MAX.
- 1.4 PHASE BALANCE: 20° MAX.
- 1.5 VSWR: INPUT, 1.60:1 MAX.  
OUTPUTS, 1.50:1 MAX.
- 1.6 ISOLATION: 15dB MIN.
- 1.7 INPUT POWER: 50 WATTS MAX, WITH  
LOAD VSWR ≤ 2.0:1
- 1.8 WEIGHT: 24.5 Oz. (700 GRAMS)

2.0 FINISH:

- GREY OVER MIL-E-15090 TYPE II, CLASS 2  
OVER MIL-C-5541 CLASS 3A  
MEETS MIL-F-14072  
MEETS MIL-E-5400
- 2.1 MARKING: MARK UNIT AS SHOWN  
(REF.: SLK-08069-82-01)

3.0 DIMENSIONS IN PARENTHESIS ARE  
IN MILLIMETERS.



MODEL NUMBER  
PWD-5530-12-SMA-79  
REV. B

| REV. | DESCRIPTION | DATE     |
|------|-------------|----------|
| 1    | RELEASED    | 7/15/04  |
| A    | ECN 20029   | 12/15/05 |
| B    | ECN 21133   | 12/9/06  |

|                                                                                                                                                                                              |  |                                                                                                                                   |                   |                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------|
| UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:                                                                                                                          |  | FSM NO. 34078                                                                                                                     | MIDWEST MICROWAVE |                                      |
| 3 PLACE DECIMALS ±.005<br>2 PLACE DECIMALS ±.02<br>FRACTIONS ±1/64<br>PARALLELITY: T.I.R. _____<br>FLATNESS: T.I.R. _____<br>CONCENTRICITY: T.I.R. _____<br>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<br>POWER DIVIDER               |
| DRAWN/DATE<br>S. ORLOV<br>6/11/04                                                                                                                                                            |  | ENG/DATE<br>P. GOODMAN<br>7/15/04                                                                                                 |                   | DRAWING NUMBER<br>PWD-5530-12-SMA-79 |
| CHECKED/DATE                                                                                                                                                                                 |  | APPROVED/DATE                                                                                                                     |                   | SCALE: 1=1.2 SHEET 1 of 1            |