



# CMF252

## AMPS Fullband Transmit Filter

|                      |                            |     |                                               |
|----------------------|----------------------------|-----|-----------------------------------------------|
| Return<br>Rejection: | Passband:                  | 869 | - 894 MHz                                     |
|                      | Insertion Loss:            | 1.4 | dB max.                                       |
|                      | Loss:                      |     | 18.0 dB min.                                  |
|                      |                            |     | 824 - 849 MHz 80 dB min.                      |
|                      |                            |     | - 865 MHz 40 dB min.                          |
|                      |                            |     | - 867 MHz 20 dB min.                          |
|                      |                            |     | - 898 MHz 20 dB min.                          |
|                      |                            |     | - 900 MHz 35 dB min.                          |
|                      |                            |     | - 2000 MHz 40 dB min.                         |
|                      | 3 <sup>rd</sup> order IMD: |     | -105 dBm min. with two carriers<br>at +43 dBm |
| Power:               |                            |     | 700 Watts Average, 8 kW PIP                   |
| Operating            | Temperature:               |     | 0 to +60° Celsius                             |
| Storage              | Temperature                |     | -40° to +85° Celsius                          |

