

**For EMI Filtering and ESD Protection.****FEATURES**

- EMI/RFI filtering.
- ESD Protection to IEC 61000-4-2 Level 4.
- Low insertion loss.
- Good attenuation of high frequency signals.
- Low clamping voltage.
- Low operating and leakage current.

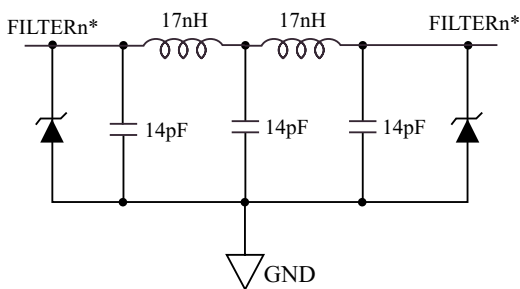
**APPLICATIONS**

- Cell phone handsets.
- RF communications equipment.

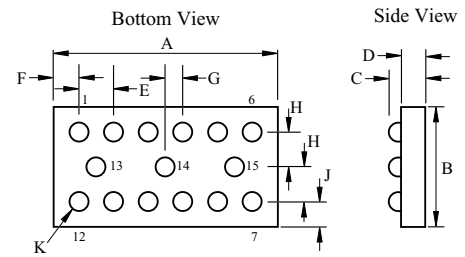
**MAXIMUM RATING (Ta=25 °C)**

| CHARACTERISTIC       | SYMBOL           | RATING    | UNIT |
|----------------------|------------------|-----------|------|
| Power Dissipation    | *P <sub>D</sub>  | 500       | mW   |
| Junction Temperature | T <sub>j</sub>   | 150       | °C   |
| Storage Temperature  | T <sub>stg</sub> | -55 ~ 150 | °C   |

\* Total Package Power Dissipation

**EQUIVALENT CIRCUIT****ELECTRICAL CHARACTERISTICS (Ta=25 °C)**

| CHARACTERISTIC            | SYMBOL           | TEST CONDITION                                                         | MIN. | TYP. | MAX. | UNIT |
|---------------------------|------------------|------------------------------------------------------------------------|------|------|------|------|
| Reverse Stand-Off Voltage | V <sub>RWM</sub> | -                                                                      | -    | -    | 5    | V    |
| Reverse Breakdown Voltage | V <sub>BR</sub>  | I <sub>t</sub> =1mA                                                    | 6    | -    | -    | V    |
| Reverse Leakage Current   | I <sub>R</sub>   | V <sub>RWM</sub> =3V                                                   | -    | -    | 0.1  | μA   |
| Cutoff Frequency          | f <sub>3dB</sub> | V <sub>R</sub> =0V, Z <sub>SOURCE</sub> =50 Ω, Z <sub>LOAD</sub> =50 Ω | -    | 140  | -    | MHz  |
| Inductance                | L                | Between Input and Output                                               | -    | 17   | -    | nH   |
| Capacitance               | C                | V <sub>R</sub> =2.5V, Between I/O Pins and GND                         | -    | 42   | -    | pF   |



1,12 : Filter channel 1  
 2,11 : Filter channel 2  
 3,10 : Filter channel 3  
 4, 9 : Filter channel 4  
 5, 8 : Filter channel 5  
 6, 7 : Filter channel 6  
 13,14,15 : Ground

| DIM | MILLIMETERS   |
|-----|---------------|
| A   | 2.96 ± 0.045  |
| B   | 1.33 ± 0.045  |
| C   | 0.64 ± 0.07   |
| D   | 0.419 ± 0.051 |
| E   | 0.5 ± 0.005   |
| F   | 0.23 ± 0.05   |
| G   | 0.25 ± 0.005  |
| H   | 0.435 ± 0.005 |
| J   | 0.23 ± 0.05   |
| K   | 0.3 Diameter  |

WLP-15

**MARKING**