

# SERIES

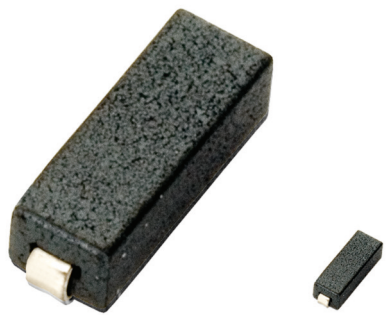
**4221R -1, -2, -4**  
**4221 -3**



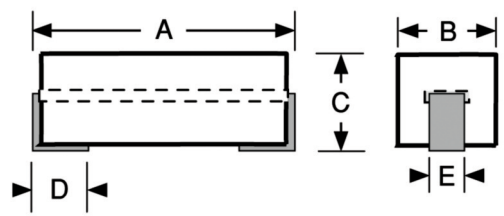
## Surface Mount Filter Bead

DASH NUMBER\*      IMPEDANCE (OHMS) @ 25 MHz (MINIMUM)      IMPEDANCE (OHMS) @ 100 MHz (±20%)

| SERIES 4221R / 4221 |    |    |
|---------------------|----|----|
| -1                  | 22 | 47 |
| -2                  | 45 | 95 |
| -3                  | 22 | 42 |
| -4                  | 43 | 85 |



Actual Size (Max.)



\*Complete part # must include series # PLUS the dash #

**Operating Temperature Range** -55°C to +125°C

**Current Rating** 5 Amps max. (35°C Rise, 90° Ambient)

**Material** Ferrite bead with plated copper lead

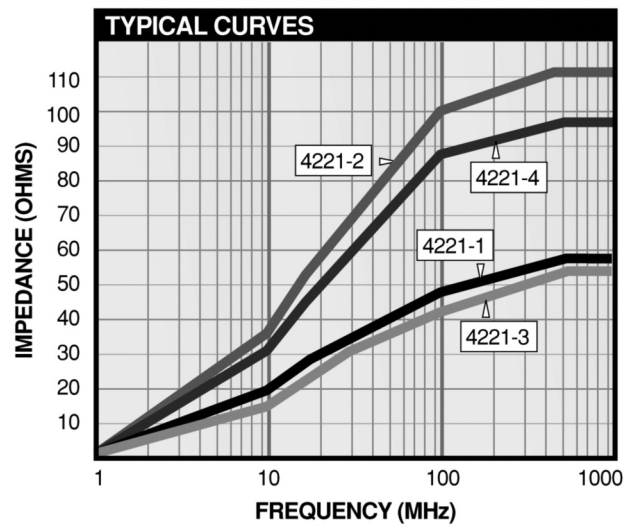
**Packaging** Tape & reel

Series 4221-1 and 4221-3 (12mm)

Series 4221-2 and 4221-4 (16mm)

7" reel, 500 pieces max.; 13" reel, 4000 pieces max.

|              | 4221 - 1            | 4221 - 2            | 4221 - 3            | 4221 - 4            |
|--------------|---------------------|---------------------|---------------------|---------------------|
| <b>A</b> in. | 0.197 +0.011/-0.028 | 0.374 +0.015/-0.028 | 0.217 +0.011/-0.028 | 0.350 +0.015/-0.028 |
| mm.          | (5.0 +0.3/-0.7)     | (9.5 +0.4/-0.7)     | (5.5 +0.3/-0.7)     | (8.9 +0.4/-0.7)     |
| <b>B</b> in. | 0.120 ± 0.006       | 0.120 ± 0.006       | 0.117 ± 0.006       | 0.187 ± 0.006       |
| mm.          | (3.05 ± 0.15)       | (3.05 ± 0.15)       | (2.97 ± 0.15)       | (4.75 ± 0.15)       |
| <b>C</b> in. | 0.120 +0.007/-0.015 | 0.120 +0.007/-0.015 | 0.138 +0.007/-0.015 | 0.138 +0.007/-0.015 |
| mm.          | (3.05 +0.2/-0.4)    | (3.05 +0.2/-0.4)    | (3.50 +0.2/-0.4)    | (3.50 +0.2/-0.4)    |
| <b>D</b> in. | 0.059 ± 0.025       | 0.059 ± 0.025       | 0.059 ± 0.025       | 0.059 ± 0.025       |
| mm.          | (1.50 ± 0.63)       | (1.50 ± 0.63)       | (1.50 ± 0.63)       | (1.50 ± 0.63)       |
| <b>E</b> in. | 0.050 ± 0.003       | 0.050 ± 0.003       | 0.050 ± 0.003       | 0.073 ± 0.003       |
| mm.          | (1.25 ± 0.07)       | (1.25 ± 0.07)       | (1.25 ± 0.07)       | (1.85 ± 0.07)       |



For more detailed graphs, contact factory



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