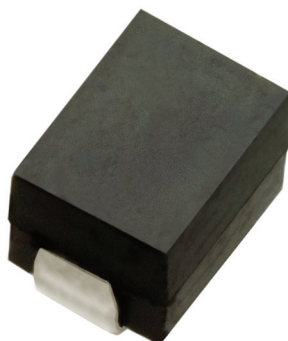
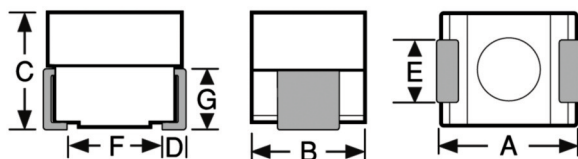


**SERIES****4232R  
4232**

## Open Construction Wirewound Surface Mount Inductors



Actual Size



Temperature Stable for critical conditions

### Physical Parameters

|   | Inches            | Millimeters      |
|---|-------------------|------------------|
| A | 0.118 to 0.138    | 3.00 to 3.51     |
| B | 0.085 to 0.105    | 2.16 to 2.67     |
| C | 0.081 to 0.101    | 2.06 to 2.57     |
| D | 0.016 Min.        | 0.41 Min.        |
| E | 0.041 to 0.061    | 1.04 to 1.55     |
| F | 0.070 (Ref. only) | 1.78 (Ref. only) |
| G | 0.054 (Ref. only) | 1.37 (Ref. only) |

Dimensions "A" and "C" are over terminals.

Weight Max. (Grams) 0.1

Operating Temperature -55°C to +125°C

Current Rating at 90°C Ambient 35°C Rise

### Maximum Power Dissipation at 90°C Ambient

Phenolic: 0.168 W

Iron: 0.287 W

**Note** For applications requiring improved characteristics over typical ferrite core inductors of the same size, see 1210 Series for values lower than 0.10μH.

**Marking** Delevan; dash number; date code (YYWWL).  
Note: An R before the date code indicates a RoHS component.

Example: 4232R-562F  
DELEVAN  
562  
R 1809A

**Packaging** Tape & reel (8mm): 7" reel, 2000 pieces max.;  
13" reel, 7000 pieces max.

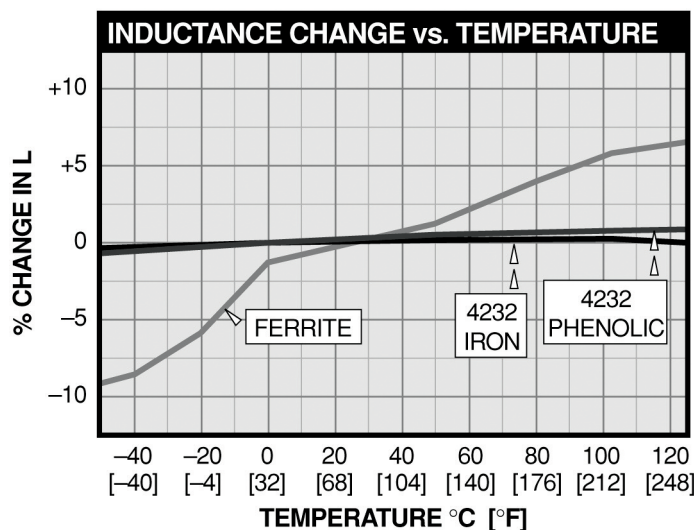
Made In the U.S.A.

Optional Tolerances: J = 5% H = 3% G = 2% F = 1%

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

| DASH NUMBER*                     | INDUCTANCE (μH) ±10% | TEST FREQUENCY (MHz) | Q MINIMUM | SRF MINIMUM (MHz) | DC RESISTANCE MAXIMUM (OHMS) | CURRENT RATING MAXIMUM (mA) |
|----------------------------------|----------------------|----------------------|-----------|-------------------|------------------------------|-----------------------------|
| <b>SERIES 4232 PHENOLIC CORE</b> |                      |                      |           |                   |                              |                             |
| -101K                            | 0.10                 | 20                   | 25        | 250               | 0.45                         | 519                         |
| -121K                            | 0.12                 | 20                   | 25        | 220               | 0.50                         | 493                         |
| -151K                            | 0.15                 | 20                   | 25        | 180               | 0.54                         | 474                         |
| -181K                            | 0.18                 | 19                   | 25        | 165               | 0.61                         | 446                         |
| -221K                            | 0.22                 | 19                   | 25        | 135               | 0.68                         | 442                         |
| -271K                            | 0.27                 | 17                   | 25        | 120               | 0.72                         | 410                         |
| -331K                            | 0.33                 | 17                   | 25        | 200               | 0.76                         | 400                         |
| -391K                            | 0.39                 | 17                   | 25        | 180               | 0.84                         | 380                         |
| -471K                            | 0.47                 | 17                   | 25        | 140               | 0.92                         | 363                         |
| -561K                            | 0.56                 | 15                   | 25        | 120               | 1.06                         | 338                         |
| -681K                            | 0.68                 | 15                   | 25        | 110               | 1.25                         | 312                         |
| -821K                            | 0.82                 | 10                   | 25        | 100               | 1.40                         | 294                         |
| -102K                            | 1.0                  | 10                   | 25        | 90                | 1.50                         | 284                         |
| <b>SERIES 4232 IRON CORE</b>     |                      |                      |           |                   |                              |                             |
| -122K                            | 1.2                  | 30                   | 7.9       | 83                | 0.90                         | 480                         |
| -152K                            | 1.5                  | 30                   | 7.9       | 75                | 1.00                         | 455                         |
| -182K                            | 1.8                  | 30                   | 7.9       | 65                | 1.10                         | 434                         |
| -222K                            | 2.2                  | 30                   | 7.9       | 55                | 1.20                         | 416                         |
| -272K                            | 2.7                  | 30                   | 7.9       | 50                | 1.25                         | 407                         |
| -332K                            | 3.3                  | 30                   | 7.9       | 47                | 1.30                         | 399                         |
| -392K                            | 3.9                  | 30                   | 7.9       | 45                | 1.40                         | 385                         |
| -472K                            | 4.7                  | 30                   | 7.9       | 40                | 1.80                         | 339                         |
| -562K                            | 5.6                  | 30                   | 7.9       | 36                | 2.00                         | 322                         |
| -682K                            | 6.8                  | 30                   | 7.9       | 22                | 2.40                         | 294                         |
| -822K                            | 8.2                  | 30                   | 7.9       | 21                | 3.00                         | 263                         |
| -103K                            | 10.0                 | 30                   | 7.9       | 20                | 4.30                         | 220                         |
| -123K                            | 12.0                 | 30                   | 2.5       | 18                | 5.80                         | 189                         |
| -153K                            | 15.0                 | 30                   | 2.5       | 17                | 6.50                         | 179                         |
| -183K                            | 18.0                 | 30                   | 2.5       | 16                | 7.20                         | 170                         |
| -223K                            | 22.0                 | 30                   | 2.5       | 15                | 8.00                         | 161                         |
| -273K                            | 27.0                 | 30                   | 2.5       | 14                | 8.80                         | 153                         |
| -333K                            | 33.0                 | 30                   | 2.5       | 13                | 9.20                         | 150                         |
| -393K                            | 39.0                 | 30                   | 2.5       | 12                | 10.8                         | 139                         |
| -473K                            | 47.0                 | 30                   | 2.5       | 10                | 11.4                         | 135                         |

For more detailed graphs, contact factory



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