



## Ring/Double-Aperture Cores

**Series/Type:**        **R 6.30 x 3.80 x 2.50**

The following products presented in this data sheet are being withdrawn.

| Ordering Code   | Substitute Product | Date of Withdrawal | Deadline Last Orders | Last Shipments |
|-----------------|--------------------|--------------------|----------------------|----------------|
| B64290P0037X056 | B64290P0037X046    | 2004-04-30         | 2005-04-30           | 2005-07-31     |

For further information please contact your nearest EPCOS sales office, which will also support you in selecting a suitable substitute. The addresses of our worldwide sales network are presented at [www.epcos.com/sales](http://www.epcos.com/sales).

**R 6,30 × 3,80 × 2,50**
**B64290-P37**
**R 9,53 × 4,75 × 3,17**
**B64290-L62**

■ Parylene coating

**R 6,30 × 3,80 × 2,50 (mm)**
**R 0,248 × 0,150 × 0,098 (inch)**

### Dimensions

| $d_a$ (mm)                 | $d_i$ (mm)  | Height (mm) | $d_a$ (inch)  | $d_i$ (inch)  | Height (inch) |                        |
|----------------------------|-------------|-------------|---------------|---------------|---------------|------------------------|
| 6,30 ± 0,15                | 3,80 ± 0,12 | 2,50 ± 0,12 | 0,248 ± 0,006 | 0,150 ± 0,005 | 0,098 ± 0,005 | uncoated <sup>1)</sup> |
| Coating thickness 0,012 mm |             |             |               |               |               | coated                 |

### Characteristics and ordering codes

| Material | $A_L$ value<br>nH  | $\mu_i$<br>(approx.) | Ordering code   | Magnetic characteristics         |             |                          |                          |
|----------|--------------------|----------------------|-----------------|----------------------------------|-------------|--------------------------|--------------------------|
|          |                    |                      |                 | $\Sigma I/A$<br>mm <sup>-1</sup> | $l_e$<br>mm | $A_e$<br>mm <sup>2</sup> | $V_e$<br>mm <sup>3</sup> |
| N30      | 1090 ± 25 %        | 4300                 | B64290-P37-X830 | 4,97                             | 15,21       | 3,06                     | 46,5                     |
| T65      | 1160 ± 30 %        | 4600                 | B64290-P37-X65  |                                  |             |                          |                          |
| T38      | 2530 ± 30 %        | 10000                | B64290-P37-X38  |                                  |             |                          |                          |
| T46      | 3600 ± 30 %        | 14000                | B64290-P37-X46  |                                  |             |                          |                          |
| T56      | 5000 + 30 / - 40 % | 20000                | B64290-P37-X56  |                                  |             |                          |                          |

■ Epoxy coating

**R 9,53 × 4,75 × 3,17 (mm)**
**R 0,375 × 0,187 × 0,125 (inch)**

### Dimensions

| $d_a$ (mm)  | $d_i$ (mm)  | Height (mm) | $d_a$ (inch)  | $d_i$ (inch)  | Height (inch) |                        |
|-------------|-------------|-------------|---------------|---------------|---------------|------------------------|
| 9,53 ± 0,19 | 4,75 ± 0,12 | 3,17 ± 0,15 | 0,375 ± 0,007 | 0,187 ± 0,005 | 0,125 ± 0,006 | uncoated <sup>1)</sup> |
| 10,5 max.   | 3,8 min.    | 4,1 max.    | 0,413 max.    | 0,130 min.    | 0,161 max.    | coated                 |

### Characteristics and ordering codes

| Material | $A_L$ value<br>nH | $\mu_i$<br>(approx.) | Ordering code   | Magnetic characteristics         |             |                          |                          |
|----------|-------------------|----------------------|-----------------|----------------------------------|-------------|--------------------------|--------------------------|
|          |                   |                      |                 | $\Sigma I/A$<br>mm <sup>-1</sup> | $l_e$<br>mm | $A_e$<br>mm <sup>2</sup> | $V_e$<br>mm <sup>3</sup> |
| N30      | 1900 ± 25 %       | 4300                 | B64290-L62-X830 | 2,85                             | 20,72       | 7,28                     | 151                      |
| T65      | 2050 ± 30 %       | 4600                 | B64290-L62-X65  |                                  |             |                          |                          |
| T35      | 2650 ± 25 %       | 6000                 | B64290-L62-X35  |                                  |             |                          |                          |
| T38      | 4410 ± 30 %       | 10000                | B64290-L62-X38  |                                  |             |                          |                          |
| T46      | 6400 ± 30 %       | 15000                | B64290-L62-X46  |                                  |             |                          |                          |

1) Upon request

## **Herausgegeben von EPCOS AG**

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Diese Broschüre ersetzt die vorige Ausgabe.

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This brochure replaces the previous edition.

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