## General Specifications



AVX Corporation will support those customers for commercial and military Multilayer Ceramic Capacitors with a termination consisting of $5 \%$ minimum lead. This termination is indicated by the use of a " $B$ " in the 12th position of the AVX Catalog Part Number. This fulfills AVX's commitment to providing a full range of products to our customers. AVX has provided in the following pages a full range of values that we are currently offering in this special "B" termination. Please contact the factory if you require additional information on our MLCC Tin/Lead Termination "B" products.

## Check for up-to-date CV Tables at $\begin{gathered}\text { Chr } \\ \text { III }\end{gathered}$

HOW TO ORDER

| LD05 | 5 | A | 101 | J | A | B | 2 | A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $T$ |  |  |  |  |  |  |  |
| Size | Voltage | Dielectric | Capacitance | Capacitance | Failure | Terminations | Packaging | Special |
| LD02-0402 | $6.3 \mathrm{~V}=6$ | COG (NPO) $=\mathrm{A}$ | Code (ln pF) | Tolerance | Rate | $B=5 \%$ min lead | 2 = 7" Reel | Code |
| LD03-0603 | $10 \mathrm{~V}=\mathrm{Z}$ | X7R $=C$ | 2 Sig. Digits + | $B= \pm .10 \mathrm{pF}(<10 \mathrm{pF})$ | A = Not |  | $4=13$ Reel | A = Std. Product |
| LD04-0504 | $16 \mathrm{~V}=\mathrm{Y}$ | X5R = D | Number of | $\mathrm{C}= \pm .25 \mathrm{pF}(<10 \mathrm{pF})$ | Applicable |  | 7 = Bulk Cass. |  |
| LD05-0805 | $25 \mathrm{~V}=3$ |  | Zeros | $\mathrm{D}= \pm .50 \mathrm{pF}(<10 \mathrm{pF})$ |  |  | $9=\text { Bulk }$ |  |
| LD06-1206 | $50 \mathrm{~V}=5$ |  | Zeros | $D= \pm .50 \mathrm{pF}(<10 \mathrm{pF})$ |  |  |  |  |
| LD08-1808* | $100 \mathrm{~V}=1$ |  |  | $F= \pm 1 \%(\geq 10 \mathrm{pF})$ |  |  | Contact |  |
| LD10-1210 | $200 V=2$ |  |  | $G= \pm 2 \%(\geq 10 \mathrm{pF})$ |  |  | Factory |  |
| LD12-1812 |  |  |  | $J= \pm 5 \%$ |  |  | For |  |
| LD13-1825 |  |  |  | $K= \pm 10 \%$ |  |  | Multiples |  |
| LD14-2225 |  |  |  |  |  |  |  |  |
| LD15-0204 LICC* |  |  |  |  |  |  |  |  |
| LD16-0306 LICC |  |  |  |  |  |  |  |  |
| LD17-0508 LICC |  |  |  |  |  |  |  |  |
| LD18-0612 LICC |  | tact factory |  |  |  |  |  |  |

NPO Dielectric


X7R Dielectric


X5R Dielectric

| SIZE | LD02 |  | LD03 |  | LD05 |  | LD06 |  |  | LD10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WDC | 6.3 | 10 | 6.3 | 25 | 10 | 16 | 10 | 16 | 25 | 16 |
| Cap 100 <br> (pf) <br> 150 |  |  |  |  |  |  |  |  |  |  |
| (ph) 220 |  |  |  |  |  |  |  |  |  |  |
| 330 470 |  |  |  |  |  |  |  |  |  |  |
| 680 |  |  |  |  |  |  |  |  |  |  |
| 1000 1200 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1800 2200 |  |  |  |  |  |  |  |  |  |  |
| 2700 |  |  |  |  |  |  |  |  |  |  |
| 3300 <br> 3900 |  |  |  |  |  |  |  |  |  |  |
| 3900 4700 |  |  |  |  |  |  |  |  |  |  |
| 5600 6800 |  |  |  |  |  |  |  |  |  |  |
| 6800 8200 |  |  |  |  |  |  |  |  |  |  |
| ${ }^{\text {Cap }} \quad 0.0010$ |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{ll} \text { ( } \mu \mathrm{F} & \begin{array}{l} 0.012 \\ 0.015 \\ \hline \end{array} \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |
| 0.018 |  |  |  |  |  |  |  |  |  |  |
| 0.022 |  |  |  |  |  |  |  |  |  |  |
| 0.033 |  |  |  |  |  |  |  |  |  |  |
| 0 |  | c |  |  |  |  |  |  |  |  |
| 0.056 |  |  |  |  |  |  |  |  |  |  |
| 0.068 |  | c |  | G |  |  |  |  |  |  |
|  | c | c |  | G |  |  |  |  |  |  |
| $0.12$ |  |  |  |  |  |  |  |  |  |  |
| 0.18 |  |  |  |  |  |  |  |  |  |  |
| ${ }^{0.22}$ |  |  | G |  |  |  |  |  |  |  |
| ${ }^{0.33}$ |  |  | G |  |  |  |  |  |  |  |
| 0.47 0.56 |  |  | - |  |  | N |  |  |  |  |
| ${ }^{0.66}$ |  |  |  |  |  | N |  |  | M |  |
| 0.82 |  |  |  |  |  |  |  |  |  |  |
| 1.0 |  |  | G |  | N | N |  |  | Q |  |
| ${ }_{1}^{1.2}$ |  |  |  |  | N |  |  | Q |  |  |
| 1.8 |  |  |  |  |  |  |  |  |  |  |
| ${ }_{3.3}^{2.2}$ |  |  |  |  | N |  |  | Q |  |  |
| 4.7 |  |  |  |  |  |  | Q |  |  | Q |
| 6.8 |  |  |  |  |  |  |  |  |  |  |
| 10 22 |  |  |  |  |  |  |  |  |  |  |
| 47 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| SIZE | 6.3 | 10 | 6.3 | 25 | 10 | 16 | 10 | ${ }^{16}$ | 25 | 16 |
|  |  |  |  |  |  |  |  | 1206 |  | 1210 |

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