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## STANDARD PART NUMBERS 标准零件号码

### TYPE D62LCB (High current Type, Quantity/reel; 1,500 PCS)

| 零件号码            | 电感值 <sup>(1)</sup>                | 公差               | 最大直流电阻 <sup>(2)</sup>                            | 最大电感减小电流 <sup>(3)</sup> (典型)                                  |                             | 最大温度上升电流 <sup>(3)</sup> (典型)                                          |
|-----------------|-----------------------------------|------------------|--------------------------------------------------|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------|
| Part Number     | Inductance <sup>(1)</sup><br>(μH) | Tolerance<br>(%) | DC Resistance <sup>(2)</sup><br>(mΩ) Max. (Typ.) | Inductance Decrease Current <sup>(3)</sup><br>(A) Max. (Typ.) |                             | Temperature Rise Current <sup>(3)</sup><br>ΔT=40°C<br>(A) Max. (Typ.) |
|                 |                                   |                  |                                                  | $\frac{\Delta L}{L} = 10\%$                                   | $\frac{\Delta L}{L} = 30\%$ |                                                                       |
| #A918BY-R56N=P3 | 0.56                              | ± 30             | 18 (14)                                          | 5.9 (7.9)                                                     | 7.1 (9.4)                   | 4.3 (5.0)                                                             |
| #A918BY-R91N=P3 | 0.91                              | ± 30             | 25 (21)                                          | 4.6 (6.1)                                                     | 5.7 (7.4)                   | 3.4 (4.0)                                                             |
| #A918BY-1R3N=P3 | 1.3                               | ± 30             | 29 (24)                                          | 3.8 (5.1)                                                     | 4.8 (6.3)                   | 3.1 (3.7)                                                             |
| #A918BY-1R8N=P3 | 1.8                               | ± 30             | 42 (35)                                          | 3.2 (4.2)                                                     | 3.9 (5.2)                   | 2.5 (3.0)                                                             |
| #A918BY-2R4N=P3 | 2.4                               | ± 30             | 50 (42)                                          | 2.9 (3.8)                                                     | 3.5 (4.6)                   | 2.3 (2.7)                                                             |
| #A918BY-3R3N=P3 | 3.3                               | ± 30             | 64 (53)                                          | 2.4 (3.2)                                                     | 3.0 (4.0)                   | 2.0 (2.4)                                                             |
| #A918BY-3R9N=P3 | 3.9                               | ± 30             | 86 (72)                                          | 2.2 (2.9)                                                     | 2.7 (3.5)                   | 1.7 (2.0)                                                             |
| #A918BY-4R7M=P3 | 4.7                               | ± 20             | 107 (89)                                         | 2.0 (2.7)                                                     | 2.4 (3.2)                   | 1.5 (1.8)                                                             |
| #A918BY-5R6M=P3 | 5.6                               | ± 20             | 130 (110)                                        | 1.9 (2.5)                                                     | 2.2 (3.0)                   | 1.3 (1.5)                                                             |

### TYPE D62CB (Low DC resistance Type, Quantity/reel; 1,500 PCS)

| 零件号码            | 电感值 <sup>(1)</sup>                | 公差               | 最大直流电阻 <sup>(2)</sup>                            | 最大电感减小电流 <sup>(3)</sup> (典型)                                  |                             | 最大温度上升电流 <sup>(3)</sup> (典型)                                          |
|-----------------|-----------------------------------|------------------|--------------------------------------------------|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------|
| Part Number     | Inductance <sup>(1)</sup><br>(μH) | Tolerance<br>(%) | DC Resistance <sup>(2)</sup><br>(mΩ) Max. (Typ.) | Inductance Decrease Current <sup>(3)</sup><br>(A) Max. (Typ.) |                             | Temperature Rise Current <sup>(3)</sup><br>ΔT=40°C<br>(A) Max. (Typ.) |
|                 |                                   |                  |                                                  | $\frac{\Delta L}{L} = 10\%$                                   | $\frac{\Delta L}{L} = 30\%$ |                                                                       |
| #A920CY-1R0M=P3 | 1.0                               | ± 20             | 14 (11)                                          | 2.89 (3.85)                                                   | 3.48 (4.64)                 | 4.31 (5.07)                                                           |
| #A920CY-1R5M=P3 | 1.5                               | ± 20             | 17 (14)                                          | 2.35 (3.18)                                                   | 2.83 (3.77)                 | 3.68 (4.33)                                                           |
| #A920CY-2R0M=P3 | 2.0                               | ± 20             | 21 (17)                                          | 2.03 (2.73)                                                   | 2.44 (3.25)                 | 3.54 (4.17)                                                           |
| #A920CY-3R3M=P3 | 3.3                               | ± 20             | 29 (24)                                          | 1.57 (2.03)                                                   | 1.89 (2.52)                 | 2.73 (3.22)                                                           |
| #A920CY-4R3M=P3 | 4.3                               | ± 20             | 37 (31)                                          | 1.37 (1.73)                                                   | 1.65 (2.20)                 | 2.46 (2.90)                                                           |
| #A920CY-6R2M=P3 | 6.2                               | ± 20             | 52 (43)                                          | 1.14 (1.47)                                                   | 1.37 (1.82)                 | 1.85 (2.18)                                                           |
| #A920CY-100M=P3 | 10                                | ± 20             | 77 (64)                                          | 0.89 (1.19)                                                   | 1.07 (1.42)                 | 1.55 (1.83)                                                           |
| #A920CY-120M=P3 | 12                                | ± 20             | 90 (75)                                          | 0.81 (1.10)                                                   | 0.97 (1.29)                 | 1.38 (1.62)                                                           |
| #A920CY-150M=P3 | 15                                | ± 20             | 105 (87)                                         | 0.73 (1.02)                                                   | 0.87 (1.16)                 | 1.25 (1.47)                                                           |
| #A920CY-180M=P3 | 18                                | ± 20             | 129 (110)                                        | 0.66 (0.90)                                                   | 0.79 (1.05)                 | 1.16 (1.37)                                                           |
| #A920CY-220M=P3 | 22                                | ± 20             | 154 (130)                                        | 0.60 (0.83)                                                   | 0.71 (0.94)                 | 1.01 (1.19)                                                           |
| #A920CY-270M=P3 | 27                                | ± 20             | 204 (170)                                        | 0.54 (0.77)                                                   | 0.64 (0.85)                 | 0.94 (1.11)                                                           |
| #A920CY-330M=P3 | 33                                | ± 20             | 229 (195)                                        | 0.49 (0.63)                                                   | 0.58 (0.77)                 | 0.84 (0.99)                                                           |
| #A920CY-390M=P3 | 39                                | ± 20             | 294 (245)                                        | 0.45 (0.58)                                                   | 0.53 (0.70)                 | 0.74 (0.87)                                                           |
| #A920CY-470M=P3 | 47                                | ± 20             | 348 (290)                                        | 0.40 (0.55)                                                   | 0.48 (0.64)                 | 0.68 (0.80)                                                           |
| #A920CY-560M=P3 | 56                                | ± 20             | 413 (345)                                        | 0.37 (0.49)                                                   | 0.44 (0.58)                 | 0.63 (0.74)                                                           |
| #A920CY-680M=P3 | 68                                | ± 20             | 475 (400)                                        | 0.33 (0.48)                                                   | 0.40 (0.53)                 | 0.59 (0.69)                                                           |
| #A920CY-820M=P3 | 82                                | ± 20             | 558 (465)                                        | 0.30 (0.42)                                                   | 0.36 (0.48)                 | 0.56 (0.66)                                                           |

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### STANDARD PART NUMBERS 标准零件号码

#### TYPE D62CB (High current Type, Quantity/reel; 1,500 PCS)

| 零件号码            | 电感值 <sup>(1)</sup>                | 公差               | 最大直流电阻 <sup>(2)</sup>                            | 最大电感减小电流 <sup>(3)</sup> (典型)                                  |                             | 最大温度上升电流 <sup>(3)</sup> (典型)                                          |
|-----------------|-----------------------------------|------------------|--------------------------------------------------|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------|
| Part Number     | Inductance <sup>(1)</sup><br>(μH) | Tolerance<br>(%) | DC Resistance <sup>(2)</sup><br>(mΩ) Max. (Typ.) | Inductance Decrease Current <sup>(3)</sup><br>(A) Max. (Typ.) |                             | Temperature Rise Current <sup>(3)</sup><br>ΔT=40°C<br>(A) Max. (Typ.) |
|                 |                                   |                  |                                                  | $\frac{\Delta L}{L} = 10\%$                                   | $\frac{\Delta L}{L} = 30\%$ |                                                                       |
| #A920BY-1R8M=P3 | 1.8                               | ± 20             | 26 (21)                                          | 3.4 (4.6)                                                     | 4.4 (5.9)                   | 3.7 (4.4)                                                             |
| #A920BY-2R2M=P3 | 2.2                               | ± 20             | 33 (27)                                          | 3.1 (4.1)                                                     | 4.0 (5.3)                   | 3.0 (3.5)                                                             |
| #A920BY-3R0M=P3 | 3.0                               | ± 20             | 39 (32)                                          | 2.6 (3.5)                                                     | 3.4 (4.5)                   | 2.9 (3.4)                                                             |
| #A920BY-5R4M=P3 | 5.4                               | ± 20             | 65 (54)                                          | 2.0 (2.6)                                                     | 2.5 (3.4)                   | 2.0 (2.4)                                                             |
| #A920BY-6R2M=P3 | 6.2                               | ± 20             | 78 (65)                                          | 1.9 (2.5)                                                     | 2.3 (3.2)                   | 1.8 (2.2)                                                             |
| #A920BY-100M=P3 | 10                                | ± 20             | 115 (96)                                         | 1.5 (2.0)                                                     | 1.9 (2.6)                   | 1.5 (1.8)                                                             |

#### TYPE D63LCB (Quantity/reel; 1,500 PCS)

| 零件号码            | 电感值 <sup>(1)</sup>                | 公差               | 最大直流电阻 <sup>(2)</sup>                            | 最大电感减小电流 <sup>(3)</sup> (典型)                                  |                             | 最大温度上升电流 <sup>(3)</sup> (典型)                                          |
|-----------------|-----------------------------------|------------------|--------------------------------------------------|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------|
| Part Number     | Inductance <sup>(1)</sup><br>(μH) | Tolerance<br>(%) | DC Resistance <sup>(2)</sup><br>(mΩ) Max. (Typ.) | Inductance Decrease Current <sup>(3)</sup><br>(A) Max. (Typ.) |                             | Temperature Rise Current <sup>(3)</sup><br>ΔT=40°C<br>(A) Max. (Typ.) |
|                 |                                   |                  |                                                  | $\frac{\Delta L}{L} = 10\%$                                   | $\frac{\Delta L}{L} = 30\%$ |                                                                       |
| #A921CY-1R0M=P3 | 1.0                               | ± 20             | 14 (11)                                          | 2.95 (4.06)                                                   | 3.59 (4.79)                 | 4.52 (5.32)                                                           |
| #A921CY-1R5M=P3 | 1.5                               | ± 20             | 16 (13)                                          | 2.41 (3.35)                                                   | 2.93 (3.92)                 | 3.78 (4.45)                                                           |
| #A921CY-2R2M=P3 | 2.2                               | ± 20             | 20 (16)                                          | 1.99 (2.72)                                                   | 2.42 (3.24)                 | 3.51 (4.13)                                                           |
| #A921CY-3R6M=P3 | 3.6                               | ± 20             | 26 (21)                                          | 1.55 (2.00)                                                   | 1.89 (2.53)                 | 3.01 (3.54)                                                           |
| #A921CY-4R7M=P3 | 4.7                               | ± 20             | 33 (27)                                          | 1.36 (1.70)                                                   | 1.66 (2.22)                 | 2.58 (3.03)                                                           |
| #A921CY-6R2M=P3 | 6.2                               | ± 20             | 39 (32)                                          | 1.18 (1.58)                                                   | 1.45 (1.93)                 | 2.28 (2.69)                                                           |
| #A921CY-100M=P3 | 10.0                              | ± 20             | 59 (49)                                          | 0.93 (1.22)                                                   | 1.14 (1.52)                 | 1.91 (2.25)                                                           |
| #A921CY-120M=P3 | 12.0                              | ± 20             | 63 (52)                                          | 0.85 (1.10)                                                   | 1.04 (1.39)                 | 1.80 (2.12)                                                           |
| #A921CY-150M=P3 | 15.0                              | ± 20             | 75 (62)                                          | 0.76 (1.02)                                                   | 0.93 (1.25)                 | 1.73 (2.04)                                                           |
| #A921CY-180M=P3 | 18.0                              | ± 20             | 89 (74)                                          | 0.69 (0.93)                                                   | 0.85 (1.14)                 | 1.58 (1.86)                                                           |
| #A921CY-220M=P3 | 22.0                              | ± 20             | 115 (95)                                         | 0.62 (0.80)                                                   | 0.77 (1.03)                 | 1.34 (1.58)                                                           |
| #A921CY-270M=P3 | 27.0                              | ± 20             | 144 (120)                                        | 0.56 (0.74)                                                   | 0.70 (0.93)                 | 1.14 (1.35)                                                           |
| #A921CY-330M=P3 | 33.0                              | ± 20             | 168 (140)                                        | 0.51 (0.70)                                                   | 0.63 (0.84)                 | 1.01 (1.19)                                                           |
| #A921CY-390M=P3 | 39.0                              | ± 20             | 180 (150)                                        | 0.47 (0.66)                                                   | 0.58 (0.77)                 | 0.98 (1.16)                                                           |
| #A921CY-470M=P3 | 47.0                              | ± 20             | 225 (185)                                        | 0.43 (0.56)                                                   | 0.53 (0.71)                 | 0.89 (1.05)                                                           |
| #A921CY-560M=P3 | 56.0                              | ± 20             | 264 (220)                                        | 0.39 (0.52)                                                   | 0.48 (0.65)                 | 0.82 (0.97)                                                           |
| #A921CY-680M=P3 | 68.0                              | ± 20             | 324 (270)                                        | 0.35 (0.45)                                                   | 0.44 (0.59)                 | 0.73 (0.87)                                                           |
| #A921CY-820M=P3 | 82.0                              | ± 20             | 396 (330)                                        | 0.32 (0.44)                                                   | 0.40 (0.54)                 | 0.64 (0.76)                                                           |
| #A921CY-101M=P3 | 100.0                             | ± 20             | 498 (415)                                        | 0.29 (0.40)                                                   | 0.36 (0.49)                 | 0.58 (0.69)                                                           |
| #A921CY-151M=P3 | 150.0                             | ± 20             | 738 (615)                                        | 0.25 (0.33)                                                   | 0.31 (0.41)                 | 0.44 (0.52)                                                           |

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### STANDARD PART NUMBERS 标准零件号码

#### TYPE D63CB (Low DC resistance Type, Quantity/reel; 1,000 PCS)

| 零件号码            | 电感值 <sup>(1)</sup>                | 公差            | 最大直流电阻 <sup>(2)</sup>                            | 最大电感减小电流 <sup>(3)</sup> (典型)                                  |                             | 最大温度上升电流 <sup>(3)</sup> (典型)                                          |
|-----------------|-----------------------------------|---------------|--------------------------------------------------|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------|
| Part Number     | Inductance <sup>(1)</sup><br>(μH) | Tolerance (%) | DC Resistance <sup>(2)</sup><br>(mΩ) Max. (Typ.) | Inductance Decrease Current <sup>(3)</sup><br>(A) Max. (Typ.) |                             | Temperature Rise Current <sup>(3)</sup><br>ΔT=40°C<br>(A) Max. (Typ.) |
|                 |                                   |               |                                                  | $\frac{\Delta L}{L} = 10\%$                                   | $\frac{\Delta L}{L} = 30\%$ |                                                                       |
| #A916CY-2R0M=P3 | 2.0                               | ± 20          | 19 (16)                                          | 2.36 (3.15)                                                   | 3.00 (4.00)                 | 3.51 (4.14)                                                           |
| #A916CY-2R7M=P3 | 2.7                               | ± 20          | 22 (18)                                          | 2.17 (2.89)                                                   | 2.69 (3.59)                 | 3.32 (3.91)                                                           |
| #A916CY-3R3M=P3 | 3.3                               | ± 20          | 26 (21)                                          | 2.10 (2.80)                                                   | 2.57 (3.43)                 | 2.99 (3.52)                                                           |
| #A916CY-4R7M=P3 | 4.7                               | ± 20          | 32 (26)                                          | 1.65 (2.20)                                                   | 2.08 (2.78)                 | 2.67 (3.15)                                                           |
| #A916CY-6R2M=P3 | 6.2                               | ± 20          | 35 (29)                                          | 1.41 (1.88)                                                   | 1.84 (2.45)                 | 2.56 (3.02)                                                           |
| #A916CY-8R2M=P3 | 8.2                               | ± 20          | 44 (36)                                          | 1.25 (1.66)                                                   | 1.54 (2.06)                 | 2.24 (2.64)                                                           |
| #A916CY-100M=P3 | 10.0                              | ± 20          | 50 (41)                                          | 1.15 (1.53)                                                   | 1.49 (1.99)                 | 2.09 (2.46)                                                           |
| #A916CY-120M=P3 | 12.0                              | ± 20          | 62 (52)                                          | 0.98 (1.31)                                                   | 1.28 (1.71)                 | 1.84 (2.17)                                                           |
| #A916CY-150M=P3 | 15.0                              | ± 20          | 77 (64)                                          | 0.86 (1.14)                                                   | 1.10 (1.47)                 | 1.64 (1.93)                                                           |
| #A916CY-180M=P3 | 18.0                              | ± 20          | 82 (68)                                          | 0.80 (1.07)                                                   | 1.05 (1.40)                 | 1.61 (1.90)                                                           |
| #A916CY-220M=P3 | 22.0                              | ± 20          | 106 (88)                                         | 0.75 (0.99)                                                   | 0.97 (1.29)                 | 1.37 (1.62)                                                           |
| #A916CY-270M=P3 | 27.0                              | ± 20          | 140 (117)                                        | 0.64 (0.85)                                                   | 0.82 (1.09)                 | 1.18 (1.39)                                                           |
| #A916CY-330M=P3 | 33.0                              | ± 20          | 162 (135)                                        | 0.60 (0.80)                                                   | 0.76 (1.01)                 | 1.09 (1.28)                                                           |
| #A916CY-390M=P3 | 39.0                              | ± 20          | 191 (159)                                        | 0.55 (0.74)                                                   | 0.70 (0.93)                 | 1.02 (1.20)                                                           |
| #A916CY-470M=P3 | 47.0                              | ± 20          | 208 (174)                                        | 0.53 (0.70)                                                   | 0.68 (0.90)                 | 0.95 (1.12)                                                           |
| #A916CY-560M=P3 | 56.0                              | ± 20          | 257 (214)                                        | 0.47 (0.63)                                                   | 0.60 (0.80)                 | 0.85 (1.00)                                                           |
| #A916CY-680M=P3 | 68.0                              | ± 20          | 319 (266)                                        | 0.44 (0.58)                                                   | 0.56 (0.74)                 | 0.75 (0.89)                                                           |
| #A916CY-820M=P3 | 82.0                              | ± 20          | 420 (349)                                        | 0.36 (0.48)                                                   | 0.47 (0.62)                 | 0.65 (0.76)                                                           |
| #A916CY-101M=P3 | 100.0                             | ± 20          | 477 (397)                                        | 0.36 (0.48)                                                   | 0.45 (0.60)                 | 0.60 (0.71)                                                           |

#### TYPE D63CB (High current Type, Quantity/reel; 1,000 PCS)

| 零件号码            | 电感值 <sup>(1)</sup>                | 公差            | 最大直流电阻 <sup>(2)</sup>                            | 最大电感减小电流 <sup>(3)</sup> (典型)                                  |                             | 最大温度上升电流 <sup>(3)</sup> (典型)                                          |
|-----------------|-----------------------------------|---------------|--------------------------------------------------|---------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------|
| Part Number     | Inductance <sup>(1)</sup><br>(μH) | Tolerance (%) | DC Resistance <sup>(2)</sup><br>(mΩ) Max. (Typ.) | Inductance Decrease Current <sup>(3)</sup><br>(A) Max. (Typ.) |                             | Temperature Rise Current <sup>(3)</sup><br>ΔT=40°C<br>(A) Max. (Typ.) |
|                 |                                   |               |                                                  | $\frac{\Delta L}{L} = 10\%$                                   | $\frac{\Delta L}{L} = 30\%$ |                                                                       |
| #A916BY-1R2M=P3 | 1.2                               | ± 20          | 20 (16)                                          | 4.1 (5.5)                                                     | 5.6 (7.4)                   | 4.0 (4.8)                                                             |
| #A916BY-1R8M=P3 | 1.8                               | ± 20          | 23 (19)                                          | 3.6 (4.8)                                                     | 4.8 (6.4)                   | 3.7 (4.4)                                                             |
| #A916BY-2R2M=P3 | 2.2                               | ± 20          | 28 (23)                                          | 3.1 (4.2)                                                     | 4.2 (5.6)                   | 3.3 (3.9)                                                             |
| #A916BY-3R0M=P3 | 3.0                               | ± 20          | 32 (26)                                          | 2.7 (3.6)                                                     | 3.8 (5.0)                   | 3.1 (3.7)                                                             |
| #A916BY-4R3M=P3 | 4.3                               | ± 20          | 39 (32)                                          | 2.2 (3.0)                                                     | 3.0 (4.0)                   | 2.8 (3.3)                                                             |
| #A916BY-5R1M=P3 | 5.1                               | ± 20          | 42 (34)                                          | 2.1 (2.8)                                                     | 2.9 (3.8)                   | 2.7 (3.2)                                                             |
| #A916BY-6R0M=P3 | 6.0                               | ± 20          | 49 (41)                                          | 1.9 (2.5)                                                     | 2.5 (3.3)                   | 2.6 (3.1)                                                             |
| #A916BY-7R0M=P3 | 7.0                               | ± 20          | 55 (46)                                          | 1.8 (2.4)                                                     | 2.3 (3.1)                   | 2.4 (2.8)                                                             |
| #A916BY-8R1M=P3 | 8.1                               | ± 20          | 65 (55)                                          | 1.7 (2.3)                                                     | 2.2 (2.9)                   | 2.1 (2.5)                                                             |
| #A916BY-100M=P3 | 10                                | ± 20          | 76 (63)                                          | 1.5 (2.0)                                                     | 2.0 (2.7)                   | 1.9 (2.3)                                                             |

- (1) Inductance is measured with a LCR meter 4284A (Agilent Technologies) or equivalent.  
Test frequency at 100kHz
- (2) DC resistance is measured with 34420A (Agilent Technologies) or 3541(HIOKI). (Reference ambient temperature 25°C)
- (3) Maximum allowable DC current is that which causes a 30% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)

- (1) LCR仪表4284A (Agilent技术)或者功能相同的仪器在100kHz下测试电感值。
- (2) 通过数码万用表34420A (Agilent技术) 或者3541(HIOKI)测试直流电阻。(环境温度为25°C)
- (3) 允许最大直流电的范围是以下两者中比较小的一个: 引起电感值从最初值降低30%, 或者线圈温度升高40°C。(参考周围环境温度20°C)。