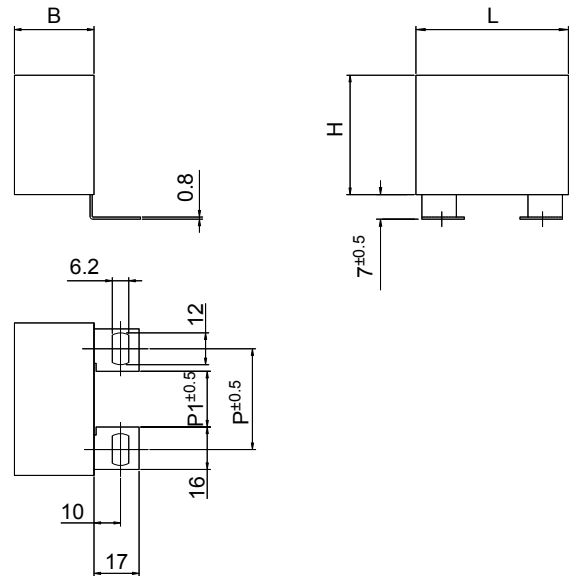


### General characteristics

- Self-Healing
- Low losses
- High ripple current
- High contact reliability
- Suitable for high frequency applications



### TECHNICAL DATA

|                                                                           |                                                                                                                        |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| General technical data                                                    | VDE 0560 - IEC61071 - EN61071                                                                                          |
| Application class (DIN 40040)                                             | GPD / LS                                                                                                               |
| Temperature range (Case)                                                  | -40 to + 85 °C                                                                                                         |
| Max permissible ambient temperature                                       | +70 °C                                                                                                                 |
| Capacitance tolerance code (15 <sup>th</sup> digit )                      | J = ± 5 % ; K = ± 10%                                                                                                  |
| Peak non-repetitive max current                                           | $I_{PKR} \times 1.5$                                                                                                   |
| Test voltage terminal to terminal $U_{TT}$                                | 2 $U_n$ for 10 seconds                                                                                                 |
| Test voltage terminal to case $U_{TC}$                                    | 3kV - 50Hz for 60 seconds                                                                                              |
| Dissipation factor (tgδ)                                                  | $\leq 5 \times 10^{-4}$ at 1 kHz and 20 °C                                                                             |
| Permissible relative humidity                                             | Annual average $\leq 95\%$ on 30 days / year, continuously 100% on other days occasionally 100%. Dewing not admissible |
| IEC climatic category                                                     | 40 / 85 / 56 according to IEC 68-1                                                                                     |
| Capacitance deviation in the operating temperature range of -40 to +85 °C | $\pm 1.5\%$ max on capacitance value measured at +20 °C                                                                |
| Change of capacitance versus operating time                               | -3% after 30.000 hours at $U_{RMS}$ or after 100.000 hours at $U_n$                                                    |
| Case components                                                           | Solvent resistant plastic case with epoxy resin sealing. Flame retardant execution (UL class 94 V0).                   |
| Terminals                                                                 | Tinned brass lugs                                                                                                      |
| Installation                                                              | Whatever Position                                                                                                      |
| Life Expectancy                                                           | $\geq 30.000$ hours at $U_{RMS}$ ; $\geq 100.000$ hours at $U_n$                                                       |
| Failure quota                                                             | 300 / 10 <sup>9</sup> components hour                                                                                  |

**PEAK VOLTAGE TABLE**

|                  |        |        |        |        |        |
|------------------|--------|--------|--------|--------|--------|
| Un               | 850 V  | 1000 V | 1200 V | 2000 V | 3000 V |
| Û <sub>MAX</sub> | 1200 V | 1300 V | 1600 V | 2400 V | 3500 V |

**GENERAL CHARACTERISTICS**

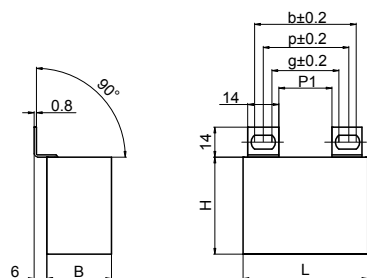
| Code           | C     | Un   | U <sub>RMS</sub> | dV/dt | I <sub>PKR</sub> | ESR<br>max @ 100 kHz | ESL | I <sub>RMS</sub><br>100 kHz @ 70°C | DIMENSIONS<br>mm |    |      |
|----------------|-------|------|------------------|-------|------------------|----------------------|-----|------------------------------------|------------------|----|------|
|                | µF    | Vdc  | Vac              | V/µs  | A                | mΩ                   | nH  | A                                  | B                | H  | L    |
| C4BSMBX3470ZEE | 0.47  | 850  | 550              | 1232  | 579              | 4.2                  | 36  | 20                                 | 18               | 33 | 32   |
| C4BSMBX3470Z_F | 0.47  | 850  | 550              | 758   | 356              | 8.2                  | 41  | 16                                 | 20               | 40 | 41.5 |
| C4BSMBX3680Z_F | 0.68  | 850  | 550              | 758   | 516              | 5.7                  | 41  | 19                                 | 20               | 40 | 41.5 |
| C4BSMBX4100Z_F | 1     | 850  | 550              | 758   | 758              | 4.0                  | 41  | 22                                 | 20               | 40 | 41.5 |
| C4BSMBX4150Z_J | 1.5   | 850  | 550              | 758   | 1138             | 2.7                  | 36  | 29                                 | 28               | 37 | 42.5 |
| C4BSMBX4200Z_L | 2     | 850  | 550              | 758   | 1517             | 2.1                  | 43  | 36                                 | 30               | 45 | 42   |
| C4BSMBX4220Z_L | 2.2   | 850  | 550              | 758   | 1668             | 1.9                  | 43  | 37                                 | 30               | 45 | 42   |
| C4BSMBX4250Z_M | 2.5   | 850  | 550              | 469   | 1174             | 1.7                  | 45  | 39                                 | 30               | 45 | 57.5 |
| C4BSMBX4300Z_M | 3     | 850  | 550              | 469   | 1408             | 3.0                  | 45  | 32                                 | 30               | 45 | 57.5 |
| C4BSMBX4330Z_M | 3.3   | 850  | 550              | 469   | 1549             | 2.8                  | 45  | 33                                 | 30               | 45 | 57.5 |
| C4BSMBX4400Z_N | 4     | 850  | 550              | 469   | 1878             | 2.3                  | 48  | 36                                 | 35               | 50 | 57.5 |
| C4BSMBX4500Z_N | 5     | 850  | 550              | 469   | 2347             | 1.9                  | 48  | 42                                 | 35               | 50 | 57.5 |
| C4BSNBX3470ZEE | 0.47  | 1000 | 600              | 1344  | 632              | 3.9                  | 36  | 20                                 | 18               | 33 | 32   |
| C4BSNBX3470Z_F | 0.47  | 1000 | 600              | 827   | 389              | 7.6                  | 41  | 16                                 | 20               | 40 | 41.5 |
| C4BSNBX3680Z_F | 0.68  | 1000 | 600              | 827   | 563              | 5.3                  | 41  | 20                                 | 20               | 40 | 41.5 |
| C4BSNBX4100Z_F | 1     | 1000 | 600              | 827   | 827              | 3.7                  | 41  | 23                                 | 20               | 40 | 41.5 |
| C4BSNBX4150Z_J | 1.5   | 1000 | 600              | 827   | 1241             | 2.5                  | 36  | 30                                 | 28               | 37 | 42.5 |
| C4BSNBX4200Z_L | 2     | 1000 | 600              | 827   | 1655             | 2.0                  | 43  | 36                                 | 30               | 45 | 42   |
| C4BSNBX4220Z_M | 2.2   | 1000 | 600              | 512   | 1127             | 3.8                  | 45  | 29                                 | 30               | 45 | 57.5 |
| C4BSNBX4250Z_M | 2.5   | 1000 | 600              | 512   | 1280             | 3.3                  | 45  | 30                                 | 30               | 45 | 57.5 |
| C4BSNBX4300Z_M | 3     | 1000 | 600              | 512   | 1536             | 2.8                  | 45  | 33                                 | 30               | 45 | 57.5 |
| C4BSNBX4330Z_M | 3.3   | 1000 | 600              | 512   | 1690             | 2.6                  | 45  | 34                                 | 30               | 45 | 57.5 |
| C4BSNBX4400Z_N | 4     | 1000 | 600              | 512   | 2049             | 2.2                  | 48  | 40                                 | 35               | 50 | 57.5 |
| C4BSPBX3330ZEE | 0.33  | 1200 | 630              | 1568  | 518              | 5.0                  | 36  | 19                                 | 18               | 33 | 32   |
| C4BSPBX3330Z_F | 0.33  | 1200 | 630              | 965   | 319              | 9.5                  | 41  | 15                                 | 20               | 40 | 41.5 |
| C4BSPBX3470Z_F | 0.47  | 1200 | 630              | 965   | 454              | 6.7                  | 41  | 18                                 | 20               | 40 | 41.5 |
| C4BSPBX3680Z_F | 0.68  | 1200 | 630              | 965   | 656              | 4.7                  | 41  | 21                                 | 20               | 40 | 41.5 |
| C4BSPBX4100Z_J | 1     | 1200 | 630              | 965   | 965              | 3.3                  | 36  | 27                                 | 28               | 37 | 42.5 |
| C4BSPBX4120Z_J | 1.2   | 1200 | 630              | 965   | 1158             | 2.8                  | 36  | 29                                 | 28               | 37 | 42.5 |
| C4BSPBX4150Z_L | 1.5   | 1200 | 630              | 965   | 1448             | 2.3                  | 43  | 34                                 | 30               | 45 | 42   |
| C4BSPBX4200Z_M | 2     | 1200 | 630              | 598   | 1195             | 3.6                  | 45  | 29                                 | 30               | 45 | 57.5 |
| C4BSPBX4220Z_M | 2.2   | 1200 | 630              | 598   | 1315             | 3.3                  | 45  | 30                                 | 30               | 45 | 57.5 |
| C4BSPBX4250Z_M | 2.5   | 1200 | 630              | 598   | 1494             | 2.9                  | 45  | 32                                 | 30               | 45 | 57.5 |
| C4BSPBX4300Z_N | 3     | 1200 | 630              | 598   | 1793             | 2.5                  | 48  | 37                                 | 35               | 50 | 57.5 |
| C4BSPBX4330Z_N | 3.3   | 1200 | 630              | 598   | 1972             | 2.3                  | 48  | 39                                 | 35               | 50 | 57.5 |
| C4BSWBX3100ZEE | 0.1   | 2000 | 700              | 2241  | 224              | 12.9                 | 36  | 12                                 | 18               | 33 | 32   |
| C4BSWBX3100Z_F | 0.1   | 2000 | 700              | 1379  | 138              | 23.3                 | 41  | 10                                 | 20               | 40 | 41.5 |
| C4BSWBX3150ZEE | 0.15  | 2000 | 700              | 2241  | 336              | 8.6                  | 36  | 15                                 | 18               | 33 | 32   |
| C4BSWBX3150Z_F | 0.15  | 2000 | 700              | 1379  | 207              | 15.6                 | 41  | 12                                 | 20               | 40 | 41.5 |
| C4BSWBX3220Z_F | 0.22  | 2000 | 700              | 1379  | 303              | 10.7                 | 41  | 14                                 | 20               | 40 | 41.5 |
| C4BSWBX3330Z_F | 0.33  | 2000 | 700              | 1379  | 455              | 7.2                  | 41  | 17                                 | 20               | 40 | 41.5 |
| C4BSWBX3470Z_F | 0.47  | 2000 | 700              | 1379  | 648              | 5.1                  | 41  | 20                                 | 20               | 40 | 41.5 |
| C4BSWBX3680Z_H | 0.68  | 2000 | 700              | 1379  | 938              | 3.6                  | 43  | 26                                 | 24               | 44 | 41.5 |
| C4BSWBX3820Z_L | 0.82  | 2000 | 700              | 1379  | 1131             | 3.0                  | 43  | 30                                 | 30               | 45 | 42   |
| C4BSWBX4100Z_M | 1     | 2000 | 700              | 854   | 854              | 5.1                  | 45  | 24                                 | 30               | 45 | 57.5 |
| C4BSWBX4120Z_M | 1.2   | 2000 | 700              | 854   | 1024             | 4.3                  | 45  | 26                                 | 30               | 45 | 57.5 |
| C4BSWBX4150Z_N | 1.5   | 2000 | 700              | 854   | 1280             | 3.5                  | 48  | 31                                 | 35               | 50 | 57.5 |
| C4BSYBX2470ZEE | 0.047 | 3000 | 750              | 3361  | 158              | 21.9                 | 36  | 10                                 | 18               | 33 | 32   |
| C4BSYBX2470Z_F | 0.047 | 3000 | 750              | 2068  | 97               | 36.6                 | 41  | 8                                  | 20               | 40 | 41.5 |
| C4BSYBX2680ZEE | 0.068 | 3000 | 750              | 3361  | 229              | 15.2                 | 36  | 12                                 | 18               | 33 | 32   |
| C4BSYBX2680Z_F | 0.068 | 3000 | 750              | 2068  | 141              | 25.4                 | 41  | 10                                 | 20               | 40 | 41.5 |
| C4BSYBX3100Z_F | 0.1   | 3000 | 750              | 2068  | 207              | 17.3                 | 41  | 12                                 | 20               | 40 | 41.5 |
| C4BSYBX3220Z_F | 0.22  | 3000 | 750              | 2068  | 455              | 8.0                  | 41  | 17                                 | 20               | 40 | 41.5 |
| C4BSYBX3330Z_L | 0.33  | 3000 | 750              | 2068  | 683              | 5.4                  | 43  | 24                                 | 30               | 45 | 42   |
| C4BSYBX3470Z_M | 0.47  | 3000 | 750              | 1280  | 602              | 7.5                  | 45  | 20                                 | 30               | 45 | 57.5 |
| C4BSYBX3680Z_N | 0.68  | 3000 | 750              | 1280  | 871              | 5.3                  | 48  | 23                                 | 35               | 50 | 57.5 |
| C4BSYBX3820Z_N | 0.82  | 3000 | 750              | 1280  | 1050             | 4.4                  | 48  | 28                                 | 35               | 50 | 57.5 |

**PEAK VOLTAGE TABLE**

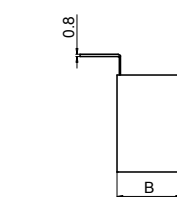
|                 |       |       |       |        |       |
|-----------------|-------|-------|-------|--------|-------|
| Un              | 250 V | 400 V | 600 V | 700 V  | 850 V |
| $\hat{U}_{MAX}$ | 400 V | 600 V | 800 V | 1000 V | 1200V |

**GENERAL CHARACTERISTICS**

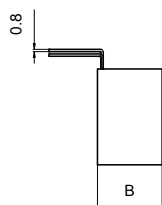
| Code           | C    | Un  | U <sub>RMS</sub> | dv/dt | I <sub>PKR</sub> | ESR<br>max @ 100 kHz | ESL | I <sub>RMS</sub><br>100 kHz @ 70°C | DIMENSIONS<br>mm |    |      |
|----------------|------|-----|------------------|-------|------------------|----------------------|-----|------------------------------------|------------------|----|------|
|                | μF   | Vdc | Vac              | V/μs  | A                | mΩ                   | nH  | A                                  | B                | H  | L    |
| C4BTDBX4470ZEE | 4.7  | 250 | 160              | 59    | 279              | 2.6                  | 36  | 22                                 | 18               | 33 | 32   |
| C4BTDBX4680ZEE | 6.8  | 250 | 160              | 59    | 403              | 1.9                  | 36  | 26                                 | 18               | 33 | 32   |
| C4BTDBX5100Z_F | 10   | 250 | 160              | 40    | 402              | 2.6                  | 41  | 27                                 | 20               | 40 | 41.5 |
| C4BTDBX5150Z_F | 15   | 250 | 160              | 40    | 602              | 1.8                  | 41  | 32                                 | 20               | 40 | 41.5 |
| C4BTDBX5200Z_J | 20   | 250 | 160              | 40    | 803              | 1.4                  | 36  | 39                                 | 28               | 37 | 42.5 |
| C4BTDBX5250Z_H | 25   | 250 | 160              | 40    | 1004             | 1.2                  | 43  | 43                                 | 24               | 44 | 42   |
| C4BTDBX5300Z_L | 30   | 250 | 160              | 40    | 1205             | 1.0                  | 43  | 50                                 | 30               | 45 | 42   |
| C4BTDBX5400Z_M | 40   | 250 | 160              | 27    | 1082             | 1.5                  | 45  | 46                                 | 30               | 45 | 57.5 |
| C4BTDBX5500Z_N | 50   | 250 | 160              | 27    | 1353             | 1.2                  | 48  | 54                                 | 35               | 50 | 57.5 |
| C4BTDBX5600Z_N | 60   | 250 | 160              | 27    | 1624             | 1.1                  | 48  | 58                                 | 35               | 50 | 57.5 |
| C4BTFBX4330ZEE | 3.3  | 400 | 250              | 74    | 245              | 3.0                  | 36  | 21                                 | 18               | 33 | 32   |
| C4BTFBX4400ZEE | 4    | 400 | 250              | 74    | 296              | 2.5                  | 36  | 23                                 | 18               | 33 | 32   |
| C4BTFBX4400Z_F | 4    | 400 | 250              | 50    | 201              | 4.9                  | 41  | 19                                 | 20               | 40 | 41.5 |
| C4BTFBX4500ZEE | 5    | 400 | 250              | 74    | 370              | 2.0                  | 36  | 25                                 | 18               | 33 | 32   |
| C4BTFBX4500Z_F | 5    | 400 | 250              | 50    | 251              | 4.0                  | 41  | 22                                 | 20               | 40 | 41.5 |
| C4BTFBX4680Z_F | 6.8  | 400 | 250              | 50    | 341              | 3.0                  | 41  | 25                                 | 20               | 40 | 41.5 |
| C4BTFBX5100Z_F | 10   | 400 | 250              | 50    | 502              | 2.1                  | 41  | 30                                 | 20               | 40 | 41.5 |
| C4BTFBX5125Z_J | 12.5 | 400 | 250              | 50    | 627              | 1.7                  | 36  | 35                                 | 28               | 37 | 42.5 |
| C4BTFBX5150Z_J | 15   | 400 | 250              | 50    | 753              | 1.5                  | 36  | 38                                 | 28               | 37 | 42.5 |
| C4BTFBX5200Z_L | 20   | 400 | 250              | 50    | 1004             | 1.2                  | 43  | 46                                 | 30               | 45 | 42   |
| C4BTFBX5250Z_M | 25   | 400 | 250              | 34    | 846              | 1.8                  | 45  | 41                                 | 30               | 45 | 57.5 |
| C4BTFBX5300Z_M | 30   | 400 | 250              | 34    | 1015             | 1.6                  | 45  | 45                                 | 30               | 45 | 57.5 |
| C4BTFBX5350Z_N | 35   | 400 | 250              | 34    | 1184             | 1.4                  | 48  | 52                                 | 35               | 50 | 57.5 |
| C4BTFBX5400Z_N | 40   | 400 | 250              | 34    | 1353             | 1.2                  | 48  | 54                                 | 35               | 50 | 57.5 |
| C4BTHBX4250ZEE | 2.5  | 600 | 330              | 104   | 259              | 2.9                  | 36  | 21                                 | 18               | 33 | 32   |
| C4BTHBX4250Z_F | 2.5  | 600 | 330              | 70    | 176              | 5.7                  | 41  | 18                                 | 20               | 40 | 41.5 |
| C4BTHBX4300Z_F | 3    | 600 | 330              | 70    | 211              | 4.8                  | 41  | 20                                 | 20               | 40 | 41.5 |
| C4BTHBX4400Z_F | 4    | 600 | 330              | 70    | 281              | 3.6                  | 41  | 23                                 | 20               | 40 | 41.5 |
| C4BTHBX4500Z_F | 5    | 600 | 330              | 70    | 351              | 2.9                  | 41  | 25                                 | 20               | 40 | 41.5 |
| C4BTHBX4680Z_J | 6.8  | 600 | 330              | 70    | 478              | 2.2                  | 41  | 31                                 | 28               | 37 | 42.5 |
| C4BTHBX4800Z_H | 8    | 600 | 330              | 70    | 562              | 1.9                  | 43  | 34                                 | 24               | 44 | 42   |
| C4BTHBX5100Z_L | 10   | 600 | 330              | 70    | 703              | 1.6                  | 43  | 40                                 | 30               | 45 | 42   |
| C4BTHBX5125Z_M | 12.5 | 600 | 330              | 47    | 592              | 2.5                  | 45  | 35                                 | 30               | 45 | 57.5 |
| C4BTHBX5150Z_N | 15   | 600 | 330              | 47    | 710              | 2.1                  | 45  | 38                                 | 30               | 45 | 57.5 |
| C4BTHBX5200Z_N | 20   | 600 | 330              | 47    | 947              | 1.7                  | 48  | 47                                 | 35               | 50 | 57.5 |
| C4BTJBX4150ZEE | 1.5  | 700 | 400              | 119   | 178              | 4.2                  | 36  | 18                                 | 18               | 33 | 32   |
| C4BTJBX4150Z_F | 1.5  | 700 | 400              | 80    | 120              | 8.2                  | 41  | 15                                 | 20               | 40 | 41.5 |
| C4BTJBX4200ZEE | 2    | 700 | 400              | 119   | 237              | 3.2                  | 36  | 20                                 | 18               | 33 | 32   |
| C4BTJBX4200Z_F | 2    | 700 | 400              | 80    | 161              | 6.2                  | 41  | 17                                 | 20               | 40 | 41.5 |
| C4BTJBX4220Z_F | 2.2  | 700 | 400              | 80    | 177              | 5.7                  | 41  | 18                                 | 20               | 40 | 41.5 |
| C4BTJBX4300Z_F | 3    | 700 | 400              | 80    | 241              | 4.2                  | 41  | 21                                 | 20               | 40 | 41.5 |
| C4BTJBX4400Z_F | 4    | 700 | 400              | 80    | 321              | 3.2                  | 41  | 24                                 | 20               | 40 | 41.5 |
| C4BTJBX4500Z_J | 5    | 700 | 400              | 80    | 402              | 2.6                  | 36  | 29                                 | 28               | 37 | 42   |
| C4BTJBX4800Z_L | 8    | 700 | 400              | 80    | 642              | 1.7                  | 43  | 38                                 | 30               | 45 | 42   |
| C4BTJBX5100Z_M | 10   | 700 | 400              | 54    | 541              | 2.7                  | 45  | 34                                 | 30               | 45 | 57.5 |
| C4BTJBX5150Z_N | 15   | 700 | 400              | 54    | 812              | 1.9                  | 48  | 44                                 | 35               | 50 | 57.5 |
| C4BTMBX4100ZEE | 1    | 850 | 450              | 148   | 148              | 5.1                  | 36  | 16                                 | 18               | 33 | 32   |
| C4BTMBX4100Z_F | 1    | 850 | 450              | 100   | 100              | 9.9                  | 41  | 14                                 | 20               | 40 | 41.5 |
| C4BTMBX4150Z_F | 1.5  | 850 | 450              | 100   | 151              | 6.7                  | 41  | 17                                 | 20               | 40 | 41.5 |
| C4BTMBX4200Z_F | 2    | 850 | 450              | 100   | 201              | 5.1                  | 41  | 19                                 | 20               | 40 | 41.5 |
| C4BTMBX4300Z_F | 3    | 850 | 450              | 100   | 301              | 3.4                  | 41  | 23                                 | 20               | 40 | 41.5 |
| C4BTMBX4400Z_H | 4    | 850 | 450              | 100   | 402              | 2.6                  | 43  | 29                                 | 24               | 44 | 42   |
| C4BTMBX4500Z_L | 5    | 850 | 450              | 100   | 502              | 2.2                  | 43  | 34                                 | 30               | 45 | 42   |
| C4BTMBX4800Z_N | 8    | 850 | 450              | 68    | 541              | 2.8                  | 48  | 37                                 | 35               | 50 | 57.5 |
| C4BTMBX5100Z_N | 10   | 850 | 450              | 68    | 677              | 2.3                  | 48  | 40                                 | 35               | 50 | 57.5 |



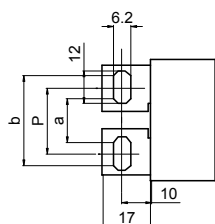
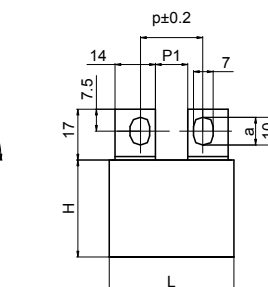
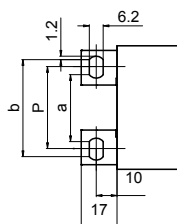
| Style | L    | P    | a    | b    | P1   |
|-------|------|------|------|------|------|
| A     | 41.5 | 25.5 | 21.5 | 29.5 | 10.5 |
| A     | 42   | 25.5 | 21.5 | 29.5 | 10.5 |
| A     | 42.5 | 25.5 | 21.5 | 29.5 | 10.5 |
| A     | 57.5 | 41   | 37   | 45   | 25   |



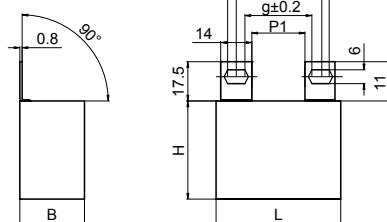
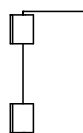
| Style | L    | P  | a  | b  | P1 |
|-------|------|----|----|----|----|
| B     | 41.5 | 22 | 16 | 28 | 6  |
| B     | 42   | 22 | 16 | 28 | 6  |
| B     | 42.5 | 22 | 16 | 28 | 6  |
| B     | 57.5 | 37 | 31 | 43 | 21 |



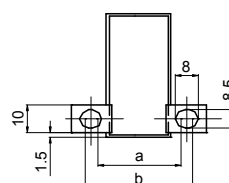
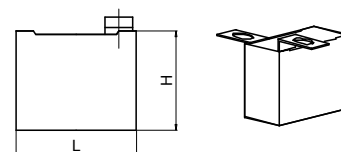
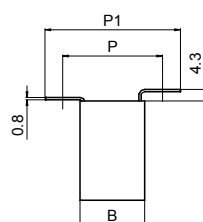
| Style | L    | P  | a  | b  | P1 |
|-------|------|----|----|----|----|
| F     | 41.5 | 22 | 16 | 28 | 6  |
| F     | 42   | 22 | 16 | 28 | 6  |
| F     | 42.5 | 22 | 16 | 28 | 6  |
| F     | 57.5 | 37 | 31 | 43 | 21 |



| Style | L    | P  | a | b | P1   |
|-------|------|----|---|---|------|
| G     | 41.5 | 22 | 4 | / | 10.5 |
| G     | 42   | 22 | 4 | / | 10.5 |
| G     | 42.5 | 22 | 4 | / | 10.5 |
| G     | 57.5 | 37 | 4 | / | 25   |



| Style | L    | P    | a    | b    | P1   |
|-------|------|------|------|------|------|
| H     | 41.5 | 25.5 | 21.5 | 29.5 | 10.5 |
| H     | 42   | 25.5 | 21.5 | 29.5 | 10.5 |
| H     | 42.5 | 25.5 | 21.5 | 29.5 | 10.5 |
| H     | 57.5 | 41   | 37   | 45   | 25   |



| Style | B  | P  | P1 | a  | b  |
|-------|----|----|----|----|----|
| E     | 18 | 31 | 44 | 29 | 33 |
| E     | 20 | 33 | 46 | 31 | 35 |
| E     | 22 | 35 | 48 | 33 | 37 |
| E     | 24 | 37 | 50 | 35 | 39 |
| E     | 28 | 41 | 54 | 39 | 43 |
| E     | 30 | 43 | 56 | 41 | 45 |

## SINGLE PACKAGE UNIT

| Box dimensions | N° of pieces | Weight kgr | Box dimensions | N° of pieces | Weight kgr |
|----------------|--------------|------------|----------------|--------------|------------|
| 20x40x41.5     | 54           | 3.0        | 30x45x42       | 36           | 3.4        |
| 28x37x42.5     | 36           | 2.7        | 30x45x57.5     | 27           | 3.2        |
| 24x44x41.5     | 42           | 3.2        | 35x50x57.5     | 23           | 3.5        |