

Ceramic High Voltage Disc Capacitors, Class 2

DESIGN:

Disc capacitor with epoxy coating

RATED VOLTAGE U_R :

| | |
|---------------|--------------------|
| HAZ, HAE, HAX | 1kV _{DC} |
| HBZ, HBE, HBX | 2kV _{DC} |
| HCZ, HCE, HCX | 3kV _{DC} |
| HDE | 4kV _{DC} |
| HEE | 5kV _{DC} |
| HFZ, HFE | 6kV _{DC} |
| HGZ | 8kV _{DC} |
| HHZ | 10kV _{DC} |
| HIZ | 15kV _{DC} |

DIELECTRIC STRENGTH BETWEEN LEADS:

Component test

| | |
|---------------|---------------------------|
| HAZ, HAE, HAX | 1750V _{DC} , 2s |
| HBZ, HBE, HBX | 3000V _{DC} , 2s |
| HCZ, HCE, HCX | 5000V _{DC} , 2s |
| HDE | 6000V _{DC} , 2s |
| HEE | 7500V _{DC} , 2s |
| HFZ, HFE | 9000V _{DC} , 2s |
| HGZ | 12000V _{DC} , 2s |
| HHZ | 15000V _{DC} , 2s |
| HIZ | 22500V _{DC} , 2s |

DISSIPATION FACTOR $\tan \delta$:

| | |
|------------------------|-------------------------|
| HA., HB., HC., HD., HE | $\leq 25 \cdot 10^{-3}$ |
| HF., HG., HH., HI. | $\leq 20 \cdot 10^{-3}$ |

INSULATION RESISTANCE R_{IS} :

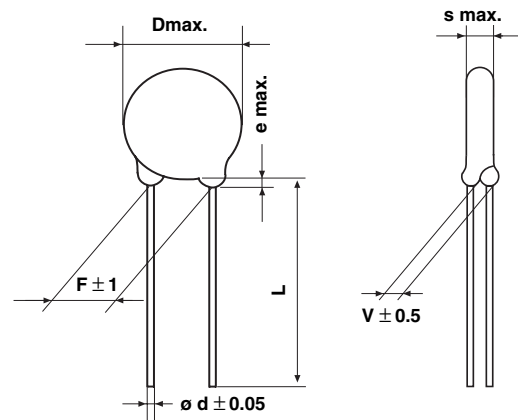
$\geq 1 \cdot 10^{10} \Omega$

CATEGORY TEMPERATURE RANGE θ_A :

(- 40 to + 85 °C)

CLIMATIC CATEGORY ACC. TO EN 60068-1:

40 / 085 / 21



• Dimensions in mm

| | Coating Extension e | Standard Lead Length L |
|----------------|---------------------|------------------------|
| HA., HB., HC. | 3 max. | 30 - 3 |
| HD., HE., HF., | | or |
| HGZ, HHZ, HIZ | 5 max. | 10 ± 1 |

COATING:

Epoxy dipped, insulating,
Flame retarding acc. to UL 94V-0

TEMPERATURE CHARACTERISTIC OF CAPACITANCE:

See General Information

TAPING AND SPECIAL LEAD CONFIGURATIONS:

See General Information

MARKING:

| | |
|-----------------------|-----------------------|
| Capacitance value | - Clear text |
| Capacitance tolerance | - Where D ≥ 9mm only |
| Rated voltage | - Clear text |
| Ceramic dielectric | - With Letter code |
| Manufacturers logo | - Where D ≥ 13mm only |

ORDERING INFORMATION

| HIZ | 101 | M | BJ | EJ0 | K |
|-------|-------------------|-----------|---------------|--------------------|---------------|
| MODEL | CAPACITANCE VALUE | TOLERANCE | RATED VOLTAGE | LEAD CONFIGURATION | INTERNAL CODE |



| | | CERAMIC DIELECTRIC: K 2000 CERAMIC CODE: Z CAPACITANCE TOLERANCE: ±10%, ±20% | | | CERAMIC DIELECTRIC: K 6000 CERAMIC CODE: E CAPACITANCE TOLERANCE: ±20% | | | CERAMIC DIELECTRIC: K 10000 CERAMIC CODE: X CAPACITANCE TOLERANCE: +50 -20%, (±20%)** | | | | | | | | | | | | | | |
|-----------------|------------------|--|----------------|---------------|--|------------------|-------------|---|---------------|---------------|------------------|-------------|----------------|---------------|---------------|--------|---------------|---------------|--------|---------------|-----|---------------|
| | | RATED VOLTAGE = 1kV _{DC} | | | RATED VOLTAGE = 1kV _{DC} | | | RATED VOLTAGE = 1kV _{DC} | | | | | | | | | | | | | | |
| CAP. VALUE (pF) | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE | | | | | | | |
| 47 | 7 x 3 | 5 | 0.6 | 1.2 | HAZ470□BA□□□K | | | | | | | | | | | | | | | | | |
| 56 | 7 x 3 | | | | HAZ560□BA□□□K | | | | | | | | | | | | | | | | | |
| 68 | 7 x 3 | | | | HAZ680□BA□□□K | | | | | | | | | | | | | | | | | |
| 82 | 7 x 3 | | | | HAZ820□BA□□□K | | | | | | | | | | | | | | | | | |
| 100 | 7 x 3 | | | | HAZ101□BA□□□K | | | | | | | | | | | | | | | | | |
| 150 | 7 x 3 | | | | HAZ151□BA□□□K | | | | | | | | | | | | | | | | | |
| 220 | 7 x 3 | | | | HAZ221□BA□□□K | | | | | | | | | | | | | | | | | |
| 330 | 7 x 3 | | | | HAZ331□BA□□□K | | | | | | | | | | | | | | | | | |
| 470 | 7 x 3 | | | | HAZ471□BA□□□K | | | | | | | | | | | | | | | | | |
| 680 | 7 x 3 | | | | HAZ681□BA□□□K | | | | | | | | | | | | | | | | | |
| 1000 | 9 x 3 | | | | HAZ102□BA□□□K | | | | | | | | | | | 7 x 3 | 5 | 0.6 | 1.2 | HAE102MBA□□□K | | |
| 1500 | 9 x 3 | | | | HAZ152□BA□□□K | | | | | | | | | | | 9 x 3 | | | | HAE152MBA□□□K | | |
| 2200 | 11 x 3 | | | | HAZ222□BA□□□K | | | | | | | | | | | 9 x 3 | HAE222MBA□□□K | 7 x 3 | 5 | 0.6 | 1.2 | HAX222SBA□□□K |
| 3300 | 13 x 3 | | | | HAZ332□BA□□□K | | | | | | | | | | | 11 x 3 | HAE332MBA□□□K | 9 x 3 | | | | HAX332SBA□□□K |
| 4700 | 15 x 3 | HAZ472□BA□□□K | 11 x 3 | HAE472MBA□□□K | 9 x 3 | HAX472SBA□□□K | | | | | | | | | | | | | | | | |
| 6800 | | | | | | | | | | | | | | | | | | | | | | |
| 0.010μF | | | | | | | | | | | | | | | | 13 x 3 | 7.5 | HAE682MBA□□□K | 13 x 3 | 0.6 | 1.2 | HAX682SBA□□□K |
| 0.015μF | | | | | | | | | | | | | | | | 15 x 3 | | HAE103MBA□□□K | 13 x 3 | | | HAX103SBA□□□K |
| 0.022μF | | | | | | | | | | | | | | | | | | | | | | HAX223SBA□□□K |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | RATED VOLTAGE = 2kV _{DC} | | | RATED VOLTAGE = 2kV _{DC} | | | RATED VOLTAGE = 2kV _{DC} | | | | | | | | | | | | | | |
| 56 | 7 x 3 | 7.5 | 0.6 | 1.4 | HBZ560□BB□□□K | | | | | | | | | | | | | | | | | |
| 68 | 7 x 3 | | | | HBZ680□BB□□□K | | | | | | | | | | | | | | | | | |
| 82 | 7 x 3 | | | | HBZ820□BB□□□K | | | | | | | | | | | | | | | | | |
| 100 | 7 x 3 | | | | HBZ101□BB□□□K | | | | | | | | | | | | | | | | | |
| 150 | 7 x 3 | | | | HBZ151□BB□□□K | | | | | | | | | | | | | | | | | |
| 220 | 7 x 3 | | | | HBZ221□BB□□□K | | | | | | | | | | | | | | | | | |
| 330 | 7 x 3 | | | | HBZ331□BB□□□K | | | | | | | | | | | | | | | | | |
| 470 | 7 x 3 | | | | HBZ471□BB□□□K | | | | | | | | | | | | | | | | | |
| 680 | 9 x 3 | | | | HBZ681□BB□□□K | | | | | | | | | | | 7 x 3 | 7.5 | 0.6 | 1.4 | HBE681MBB□□□K | | |
| 1000 | 9 x 3 | | | | HBZ102□BB□□□K | | | | | | | | | | | 7 x 3 | | | | HBE102MBB□□□K | | |
| 1500 | 11 x 3 | | | | HBZ152□BB□□□K | | | | | | | | | | | 9 x 3 | HBE152MBB□□□K | 7 x 3 | 7.5 | 0.6 | 1.2 | HBX152SBB□□□K |
| 2200 | 13 x 3 | | | | HBZ222□BB□□□K | | | | | | | | | | | 9 x 3 | HBE222MBB□□□K | 9 x 3 | | | | HBX222SBB□□□K |
| 3300 | 15 x 3 | | | | HBZ332□BB□□□K | | | | | | | | | | | 11 x 3 | HBE332MBB□□□K | 9 x 3 | | | | HBX332SBB□□□K |
| 4700 | 17 x 3 | | | | HBZ472□BB□□□K | | | | | | | | | | | 13 x 3 | HBE472MBB□□□K | 11 x 3 | | | | HBX472SBB□□□K |
| 6800 | | | 15 x 3 | HBE682MBB□□□K | 11 x 3 | HBX682SBB□□□K | | | | | | | | | | | | | | | | |
| 0.01μF | | | 17 x 3 | HBE103MBB□□□K | 15 x 3 | HBX103SBB□□□K | | | | | | | | | | | | | | | | |
| 0.015μF | | | | | 17 x 3 | HBX153SBB□□□K | | | | | | | | | | | | | | | | |
| 0.022μF | | | | | 20 x 3 | HBX223SBB□□□K | | | | | | | | | | | | | | | | |

* Standard lead configuration, other lead spacing and diameter available on request

** ± 20% available on request

| | | CERAMIC DIELECTRIC: K 2000 CERAMIC CODE: Z CAPACITANCE TOLERANCE: ± 10%, ± 20% | | | CERAMIC DIELECTRIC: K 6000 CERAMIC CODE: E CAPACITANCE TOLERANCE: ± 20% | | | CERAMIC DIELECTRIC: K 10000 CERAMIC CODE: X CAPACITANCE TOLERANCE: + 50 - 20%, (± 20 %) ** | | | | | | | | | | | | | | | | | | | |
|-----------------|------------------|--|----------------|---------------|---|------------------|-------------|---|---------------|---------------|------------------|-------------|----------------|---------------|---------------|---------------|--|--|--|--|--|--|--|--|--|--|--|
| | | RATED VOLTAGE = 3kV _{DC} | | | RATED VOLTAGE = 3kV _{DC} | | | RATED VOLTAGE = 3kV _{DC} | | | | | | | | | | | | | | | | | | | |
| CAP. VALUE (pF) | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE | | | | | | | | | | | | |
| 68 | 7 x 4 | 10 | 0.6 | 1.8 | HCZ680□BC□□□K | 7 x 4 | 10 | 0.6 | 2 | HCE471MBC□□□K | 7 x 4 | 10 | 0.6 | 1.8 | HCX681SBC□□□K | | | | | | | | | | | | |
| 82 | 7 x 4 | | | | HCZ820□BC□□□K | | | | | | | | | | | HCE681MBC□□□K | | | | | | | | | | | |
| 100 | 7 x 4 | | | | HCZ101□BC□□□K | | | | | | | | | | | HCE102MBC□□□K | | | | | | | | | | | |
| 120 | 7 x 4 | | | | HCZ121□BC□□□K | | | | | | | | | | | | | | | | | | | | | | |
| 150 | 7 x 4 | | | | HCZ151□BC□□□K | | | | | | | | | | | | | | | | | | | | | | |
| 180 | 8 x 4 | | | | HCZ181□BC□□□K | | | | | | | | | | | | | | | | | | | | | | |
| 220 | 8 x 4 | | | | HCZ221□BC□□□K | | | | | | | | | | | | | | | | | | | | | | |
| 330 | 8 x 4 | | | | HCZ331□BC□□□K | | | | | | | | | | | | | | | | | | | | | | |
| 470 | 10 x 4 | | | | HCZ471□BC□□□K | | | | | | | | | | | | | | | | | | | | | | |
| 680 | 10 x 4 | | | | HCZ681□BC□□□K | | | | | | | | | | | | | | | | | | | | | | |
| 1000 | 11 x 4 | 0.8 | 2 | 2 | HCZ102□BC□□□K | 9 x 4 | 10 | 0.8 | 2.2 | HCE102MBC□□□K | 7 x 4 | 10 | 0.8 | 2 | HCX102SBC□□□K | | | | | | | | | | | | |
| 1200 | 15 x 4 | | | | HCZ122□BC□□□K | | | | | HCE152MBC□□□K | | | | | | | | | | | | | | | | | |
| 1500 | 15 x 4 | | | | HCZ152□BC□□□K | | | | | HCE222MBC□□□K | | | | | | | | | | | | | | | | | |
| 2200 | 17 x 4 | | | | HCZ222□BC□□□K | | | | | HCE222MBC□□□K | | | | | | | | | | | | | | | | | |
| 3300 | 21 x 4 | | | | HCZ332□BC□□□K | | | | | HCE332MBC□□□K | | | | | | | | | | | | | | | | | |
| 4700 | 21 x 4 | | | | HCZ472□BC□□□K | | | | | HCE472MBC□□□K | | | | | | | | | | | | | | | | | |
| 6800 | 25 x 4 | | | | HCZ682□BC□□□K | | | | | HCE682SBC□□□K | | | | | | | | | | | | | | | | | |
| 0.01μF | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0.015μF | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | CERAMIC DIELECTRIC: K 6000 CERAMIC CODE: E CAPACITANCE TOLERANCE: ± 20%, (± 10%) ** | | | CERAMIC DIELECTRIC: K 6000 CERAMIC CODE: E CAPACITANCE TOLERANCE: ± 20% | | | | | |
|-----------------|------------------|--|----------------|---------------|---|------------------|-------------|----------------|---------------|---------------|
| | | RATED VOLTAGE = 4kV _{DC} | | | RATED VOLTAGE = 5kV _{DC} | | | | | |
| CAP. VALUE (pF) | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ± 1* (mm) | d ± 0.05* (mm) | V ± 0.5* (mm) | ORDERING CODE |
| 33 | 8 x 4.5 | 12.5 | 0.6 | 1.9 | HDE330MBD□□□K | 7 x 5.0 | 12.5 | 0.6 | 3.8 | |
| 47 | 8 x 5.0 | | | | HDE470MBD□□□K | | | | | |
| 68 | 8 x 5.0 | | | | HDE680MBD□□□K | | | | | |
| 100 | 8 x 5.0 | | | | HDE101MBD□□□K | | | | | |
| 150 | 8 x 5.0 | | | | HDE151MBD□□□K | | | | | |
| 220 | 8 x 5.0 | | | | HDE221MBD□□□K | | | | | HEE221MBE□□□K |
| 330 | 8 x 5.0 | | | | HDE331MBD□□□K | | | | | HEE331MBE□□□K |
| 470 | 8 x 5.0 | | | | HDE471MBD□□□K | | | | | |
| 680 | 9 x 5.0 | | | | HDE681MBD□□□K | | | | | HEE681MBE□□□K |
| 1000 | 10 x 5.0 | | | | HDE102MBD□□□K | | | | | HEE102MBE□□□K |
| 1500 | 12 x 5.0 | HDE152MBD□□□K | HEE152MBE□□□K | | | | | | | |
| 2200 | 13 x 5.0 | 0.8 | 2.7 | 15 x 5.5 | HDE222MBD□□□K | 15 x 5.5 | 12.5 | 0.8 | 3.8 | HEE222MBE□□□K |
| 3300 | 15 x 5.0 | | | | HDE332MBD□□□K | | | | | |
| 4700 | 18 x 5.0 | | | | HDE472MBD□□□K | | | | | |

*Standard lead configuration, other lead spacing and diameter available on request

**Narrow tolerance available on request



| CAP. VALUE (pF) | CERAMIC DIELECTRIC: K 2000 CERAMIC CODE: Z CAPACITANCE TOLERANCE: ±20%, (±10%) | | | | CERAMIC DIELECTRIC: K 6000 CERAMIC CODE: E CAPACITANCE TOLERANCE: ± 20% | | | | CERAMIC DIELECTRIC : K 2000 CERAMIC CODE : X CAPACITANCE TOLERANCE: ± 20% (± 10%) | | | | | | |
|-----------------|--|------------|---------------|--------------|---|------------------|------------|---------------|---|----------------|------------------|------------|---------------|--------------|---------------|
| | RATED VOLTAGE = 6kV _{DC} | | | | RATED VOLTAGE = 6kV _{DC} | | | | RATED VOLTAGE = 8kV _{DC} | | | | | | |
| | D x s (MAX) (mm) | F ±1* (mm) | d ±0.05* (mm) | V ±0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ±1* (mm) | d ±0.05* (mm) | V ±0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ±1* (mm) | d ±0.05* (mm) | V ±0.5* (mm) | ORDERING CODE |
| 56 | 7 x 5 | | | | HFZ560□BF□□□K | | | | | | | | | | |
| 68 | 7 x 5 | | | | HFZ680□BF□□□K | | | | | | | | | | |
| 82 | 7 x 5 | | | | HFZ820□BF□□□K | | | | | | | | | | |
| 100 | 8 x 5 | | | | HFZ101□BF□□□K | | | | | | 9x8.3 | | | | HGZ101MBP□□□K |
| 120 | 8 x 5 | | | | HFZ121□BF□□□K | | | | | | 9x8.3 | | | | HGZ121MBP□□□K |
| 150 | 8 x 5 | | | | HFZ151□BF□□□K | 7x5 | | | | HFE151MBF□□□K | 9x8.3 | | | | HGZ151MBP□□□K |
| 180 | 10 x 5 | | 0.6 | | HFZ181□BF□□□K | | | | | | 11x8.3 | | | | HGZ181MBP□□□K |
| 220 | 10 x 5 | | | | HFZ221□BF□□□K | 7x5 | | | | HFE221MBF□□□K | 11x8.3 | | | | HGZ221MBP□□□K |
| 270 | 10 x 5 | | | | HFZ271□BF□□□K | | | | | | 11x8.3 | | | | HGZ271MBP□□□K |
| 330 | 10 x 5 | | | | HFZ331□BF□□□K | 9x5 | | | | HFE 331MBF□□□K | 13x8.3 | | | | HGZ331MBP□□□K |
| 390 | 12 x 5 | 12.5 | | 3.5 | HFZ391□BF□□□K | | | | | | 13x8.3 | | | | HGZ391MBP□□□K |
| 470 | 12 x 5 | | | | HFZ471□BF□□□K | 9x5 | | | | HFE471MBF□□□K | 14x8.3 | 12.5 | 0.8 | 4 | HGZ471MBP□□□K |
| 560 | 13 x 5 | | | | HFZ561□BF□□□K | | | | | | 16x8.3 | | | | HGZ561MBP□□□K |
| 680 | 15 x 5 | | | | HFZ681□BF□□□K | 9x5 | 12.5 | 0.6 | 3.5 | HFE681MBF□□□K | 16x8.3 | | | | HGZ681MBP□□□K |
| 820 | 15 x 5 | | | | HFZ821□BF□□□K | | | | | | 18x8.3 | | | | HGZ821MBP□□□K |
| 1000 | 17 x 5 | | | | HFZ102□BF□□□K | 11x5.5 | | | | HFE102MBF□□□K | 18x8.3 | | | | HGZ102MBP□□□K |
| 1200 | 19 x 5 | | | | HFZ122□BF□□□K | | | | | | 21x8.3 | | | | HGZ122MBP□□□K |
| 1500 | 21 x 5 | | 0.8 | | HFZ152□BF□□□K | 13x5.5 | | | | HFE152MBF□□□K | 21x8.3 | | | | HGZ152MBP□□□K |
| 1800 | 21 x 5 | | | | HFZ182□BF□□□K | | | | | | 24x8.3 | | | | HGZ182MBP□□□K |
| 2200 | 25 x 5 | | | | HFZ222□BF□□□K | 15x5.5 | | | | HFE222MBF□□□K | 24x8.3 | | | | HGZ222MBP□□□K |
| 2700 | 25 x 5 | | | | HFZ272□BF□□□K | | | | | | | | | | |
| 3300 | | | | | | 21x5.5 | | | | HFE332MBF□□□K | | | | | |
| 4700 | | | | | | 21x5.5 | | 0.8 | | HFE472MBF□□□K | | | | | |
| 6800 | | | | | | 23x5.5 | | | | HFE682MBF□□□K | | | | | |

| CAP. VALUE (pF) | CERAMIC DIELECTRIC: K 2000 CERAMIC CODE: Z CAPACITANCE TOLERANCE: ± 20%, (± 10%) | | | | CERAMIC DIELECTRIC: K 2000 CERAMIC CODE: Z CAPACITANCE TOLERANCE: ± 20%, (± 10%) | | | | | |
|-----------------|--|------------|---------------|--------------|--|------------------|------------|---------------|--------------|---------------|
| | RATED VOLTAGE = 10kV _{DC} | | | | RATED VOLTAGE = 15kV _{DC} | | | | | |
| | D x s (MAX) (mm) | F ±1* (mm) | d ±0.05* (mm) | V ±0.5* (mm) | ORDERING CODE | D x s (MAX) (mm) | F ±1* (mm) | d ±0.05* (mm) | V ±0.5* (mm) | ORDERING CODE |
| 100 | 11 x 6 | | | | HHZ101MBH□□□K | 18 x 8 | | | | HIZ101MBJ□□□K |
| 120 | 11 x 6 | | | | HHZ121MBH□□□K | 18 x 8 | | | 4 | HIZ121MBJ□□□K |
| 150 | 11 x 9 | | | | HHZ151MBH□□□K | 12 x 11 | | | | HIZ151MBJ□□□K |
| 180 | 11 x 9 | | | | HHZ181MBH□□□K | 13 x 11 | | | | HIZ181MBJ□□□K |
| 220 | 11 x 9 | | | | HHZ221MBH□□□K | 13 x 11 | | | | HIZ221MBJ□□□K |
| 270 | 13 x 9 | | | | HHZ271MBH□□□K | 14 x 11 | 12.5 | 0.8 | 7 | HIZ271MBJ□□□K |
| 330 | 13 x 9 | | | | HHZ331MBH□□□K | 15 x 11 | | | | HIZ331MBJ□□□K |
| 390 | 14 x 9 | 12.5 | 0.8 | 5 | HHZ391MBH□□□K | 16 x 11 | | | | HIZ391MBJ□□□K |
| 470 | 16 x 9 | | | | HHZ471MBH□□□K | 18 x 11 | | | | HIZ471MBJ□□□K |
| 560 | 16 x 9 | | | | HHZ561MBH□□□K | 21 x 11 | | | | HIZ561MBJ□□□K |
| 680 | 18 x 9 | | | | HHZ681MBH□□□K | 21 x 11 | | | | HIZ681MBJ□□□K |
| 820 | 18 x 9 | | | | HHZ821MBH□□□K | 21 x 11 | | | | HIZ821MBJ□□□K |
| 1000 | 21 x 9 | | | | HHZ102MBH□□□K | | | | | |
| 1200 | 21 x 5 | | | | HHZ122MBH□□□K | | | | | |

NOT FOR NEW DESIGNS
REPLACEMENT
HIK... SERIES

*Standard lead configuration, other lead spacing and diameter available on request

| ORDERING CODE | | | |
|---------------|------------------------------|--|------------------------|
| Ordering code | □ 7th digit | Capacitance tolerance | ± 10% = K ± 20% = M |
| | □□□ 10th / 11th / 12th digit | Lead configuration (See General Info.) | + 50 - 20% = S |



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