



**THE DATASHEET OF
DE2E3KY472MA3BM02F**



● Part Numbering

Safety Standard Certified Lead Type Disc Ceramic Capacitors for General Purpose

(Part Number)

| | | | | | | | | | |
|----|---|----|----|-----|---|----|---|---|---|
| DE | 2 | E3 | KY | 102 | M | N3 | A | | F |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ |

① Product ID ② Series Category

| Product ID | Code | Outline | Contents |
|------------|------|-----------------|--------------------------|
| DE | 1 | Safety Standard | IEC60384-14 Class X1, Y1 |
| | 2 | Certified | IEC60384-14 Class X1, Y2 |

For Electrical Appliance and Material Safety Law of Japan, the first three digits (① Product ID and ② Series Category) express "Series Name."

For Safety Certified Capacitors, the first three digits express product code. The fourth figure expresses certified type shown in ④ Safety Standard Certified Type column.

③ Temperature Characteristics

| Code | Temperature Characteristics | Cap. Change or Temp. Coeff. | Temperature Range |
|------|-----------------------------|-----------------------------|-------------------|
| B3 | B | ±10% | -25 to +85°C |
| E3 | E | +20%, -55% | |
| F3 | F | +30%, -80% | |
| 1X | SL | +350 to -1000ppm/°C | |

④ Rated Voltage/Safety Standard Certified Type

| Code | Rated Voltage |
|------|---|
| RA | X1: AC440V (r.m.s.), Y1: AC250V (r.m.s.) or X1: AC440V (r.m.s.), Y1: AC300V (r.m.s.) or X1: AC500V (r.m.s.), Y1: AC500V (r.m.s.) (Safety Standard Certified Type RA) |
| RB | X1: AC760V (r.m.s.), Y1: AC500V (r.m.s.) (Safety Standard Certified Type RB) |
| KX | X1: AC440V (r.m.s.), Y1: AC250V (r.m.s.) or X1: AC440V (r.m.s.), Y1: AC300V (r.m.s.) (Safety Standard Certified Type KX) |
| SA | X1: AC300V (r.m.s.), Y2: AC250V (r.m.s.) or X1: AC300V (r.m.s.), Y2: AC300V (r.m.s.) or X1: AC440V (r.m.s.), Y2: AC400V (r.m.s.) (Safety Standard Certified Type SA) |
| KY | X1: AC250V (r.m.s.), Y2: AC250V (r.m.s.) or X1: AC250V (r.m.s.), Y2: AC300V (r.m.s.) (Safety Standard Certified Type KY) |

⑤ Capacitance

Expressed by three figures. The unit is pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two numbers.

⑥ Capacitance Tolerance

| Code | Capacitance Tolerance |
|------|-----------------------|
| J | ±5% |
| K | ±10% |
| M | ±20% |

⑦ Lead Style

| Code | Lead Style | Dimensions (mm) | | |
|-------|-----------------------|-----------------|---------------|---------------------|
| | | Lead Spacing | Lead Diameter | Pitch of Components |
| A2 | Vertical Crimp Long | 5 | ø0.6±0.05 | — |
| A3 | | 7.5 | | |
| A4 | | 10 | | |
| B2/J2 | Vertical Crimp Short | 5 | ø0.6±0.05 | — |
| B3/J3 | | 7.5 | | |
| B4/J4 | | 10 | | |
| N2 | Vertical Crimp Taping | 5 | ø0.6±0.05 | 12.7 |
| N3 | | 7.5 | | 15 |
| N4 | | 10 | | 25.4 |

⑧ Packaging

| Code | Packaging |
|------|------------------|
| A | Ammo Pack Taping |
| B | Bulk |

⑨ Individual Specification Code

For part number that cannot be identified without "Individual Specification," it is added at the end of part number, expressed by three-digit alphanumerics.

⑩ Halogen-free Compatible Product

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View DE2E3KY472MA3BM02F on WIN SOURCE](#)
- ⊖ [Murata Electronics North America Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management