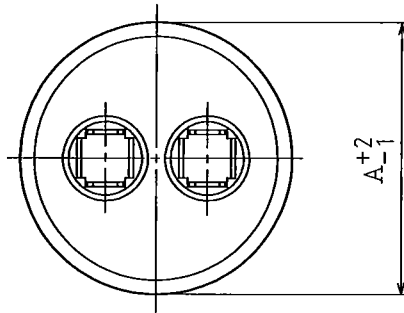


| Commercial Tolerance. | Sym. | Date | Revision | Designed | Checked | Approved |
|-----------------------|------|------|----------|----------|---------|----------|
|                       |      |      |          |          |         |          |
|                       |      |      |          |          |         |          |



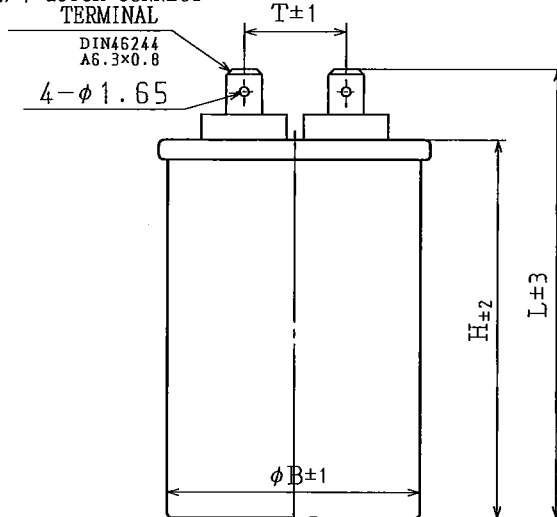
### MARKING (ex.)

**Panasonic**  
 NO PCB's  
 SH-BU CAPACITOR  
 (a) VAC 50/60 Hz  
 (b)  $\mu$ F 70 °C  
 PROTECTED 10 000 AFC  
 CSA C22.2 No.190 46 °C  
 cULus (c)  
 MADE IN CHINA

Lot No.

(a) ..VOLTAGE  
 (b) ..CAPACITANCE  
 (c) ..UL PART No.

1/4" QUICK CONNECT  
TERMINAL



MARKING

### NOTE

1. NEED THE SPACE OF 12mm OR MORE FROM TOP OF TERMINAL UPWARD.
2. CAUTIONS FOR INSTALLING. DIRECTION



| RATING              | CODE No.     | UL PART No. | DIMENSIONS (mm) |      |     |     |    |
|---------------------|--------------|-------------|-----------------|------|-----|-----|----|
|                     |              |             | A               | B    | H   | L   | T  |
| AC 370 V 25 $\mu$ F | EZWP37256BAA | BUM37X2505A | 43.0            | 41.0 | 100 | 113 | 16 |
| AC 370 V 30 $\mu$ F | EZWP37306BAA | BUM37X3005A | 43.0            | 41.0 | 110 | 123 | 16 |
| AC 370 V 35 $\mu$ F | EZWP37356BAA | BUM37X3505B | 48.0            | 45.0 | 100 | 113 | 18 |
| AC 370 V 40 $\mu$ F | EZWP37406BAA | BUM37X4005B | 48.0            | 45.0 | 110 | 123 | 18 |
| AC 370 V 45 $\mu$ F | EZWP37456BAA | BUM37X4505C | 53.0            | 50.5 | 100 | 113 | 18 |
| AC 370 V 50 $\mu$ F | EZWP37506BAA | BUM37X5005C | 53.0            | 50.5 | 110 | 123 | 18 |

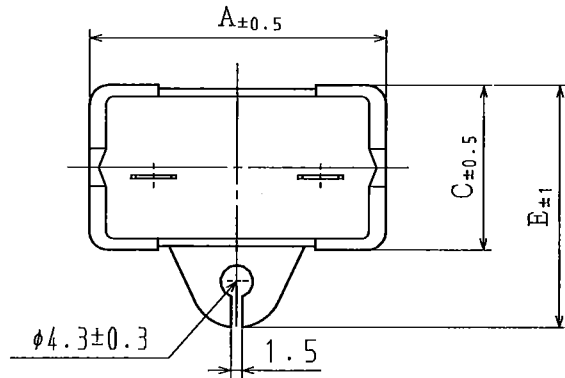
### SPECIFICATION

- A. STANDARDS : JIS C 4908, UL810, CSA C22.2 No.190  
 B. APPLICATION : MOTOR RUNNING  
 C. CASE TEMPERATURE : -25~70 °C  
 D. ELECTRICAL CHARACTERISTICS  
 1. WITHSTAND VOLTAGE  
 1) BETWEEN TERMINALS : THE 1.75×RATED VOLTAGE FOR 60 s  
 2) TERMINALS TO CASE : THE 2×RATED VOLTAGE + 1 000 V FOR 60 s (min. 2 000 V)  
 2. CAPACITANCE TOLERANCE :  $\pm 10\%$   
 3. DISSIPATION FACTOR : LESS THAN 0.3 %  
 4. CLASS OF OPERATION : 25 000 h  
 E. PROTECTIVE DEVICE  
 EACH CAPACITOR HAS THE PROTECTIVE DEVICE  
 PROTECTIVE CAPACITOR IS LISTED UNDER UL FILE NUMBER E76560  
 F. RoHS directive compliant

△ Before using the capacitor, please read the Operating Instructions.

|       |          |       |        |         |          |      |                              |
|-------|----------|-------|--------|---------|----------|------|------------------------------|
| Scale | Designed | Drawn | Traced | Checked | Approved | Name | METALLIZED FILM<br>CAPACITOR |
|       |          |       |        |         |          | No.  | 1KE19022X                    |

| Commercial<br>Tolerance. | Sym. | Date | Revision | Designed | Checked | Approved |
|--------------------------|------|------|----------|----------|---------|----------|
|                          |      |      |          |          |         |          |
|                          |      |      |          |          |         |          |



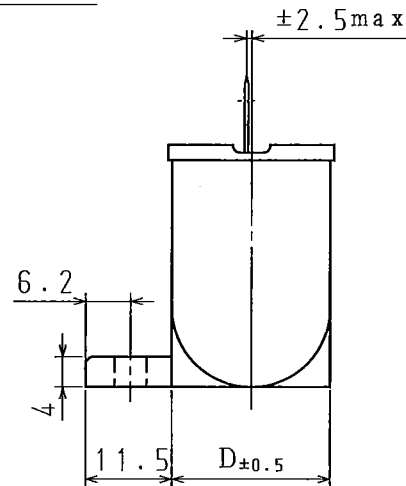
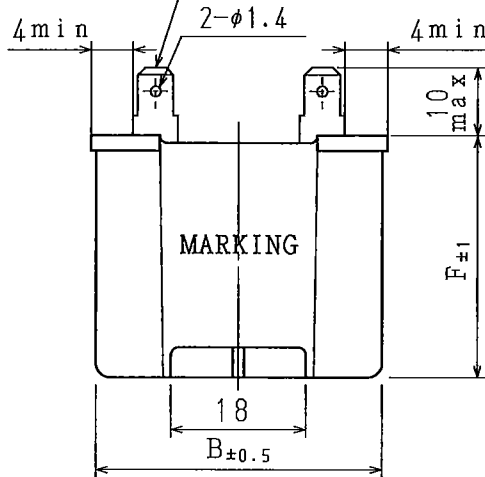
**MARKING** (ex.)  
<<LASER or INK>>

SH B  
 (a) VAC  
 (b) μF  
560-8 (c)  
50/60 Hz 20/70/21  
EN60252-1 S0 ±5 %  
CHINA

(a) ..VOLTAGE  
(b) ..CAPACITANCE  
(c) ..VDE CODE No.

Lot No.

#187 QUICK CONNECT TERMINAL



### RATINGS AND DIMENSIONS

| RATING        | CODE No.     | VDE<br>CODE No. | DIMENSIONS (mm) |      |      |      |      |      | CASE |
|---------------|--------------|-----------------|-----------------|------|------|------|------|------|------|
|               |              |                 | A               | B    | C    | D    | E    | F    |      |
| AC 440 V 4 μF | EZPP44405AQA | 441405A         | 49.7            | 48.3 | 24.0 | 22.5 | 34.5 | 34.5 | Q4   |
| AC 440 V 5 μF | EZPP44505AQA | 441505A         | 50.0            | 48.5 | 26.7 | 25.3 | 37.5 | 38.0 | Q5   |
| AC 440 V 6 μF | EZPP44605AQA | 441605A         | 50.0            | 48.5 | 30.5 | 28.8 | 41.0 | 41.5 | Q6   |
|               |              |                 |                 |      |      |      |      |      |      |
|               |              |                 |                 |      |      |      |      |      |      |

### SPECIFICATION

- STANDARDS : JIS C 4908, EN60252-1
- APPLICATION : MOTOR RUNNING
- CASE TEMPERATURE : -25~70 °C
- WITHSTAND VOLTAGE  
BETWEEN TERMINALS : THE 2×RATED VOLTAGE FOR 60 s  
TERMINAL TO CASE : THE 2×RATED VOLTAGE + 1 000 V FOR 60 s  
(min. 2 000 V)
- CAPACITANCE TOLERANCE : ±5 %
- DISSIPATION FACTOR : LESS THAN 0.3 %
- INSULATION RESISTANCE : MORE THAN 2 000 MΩ/Terminal
- CLASS OF SAFETY PROTECTION: S0
- CLASS OF OPERATION : 25 000 h (JIS), 10 000 h (EN, Class B)
- EACH CAPACITOR HAS NOT PROTECTIVE FUNCTION BASED ON JIS.
- RoHS directive compliant

▲ Before using the capacitor, please read the Operating Instructions.

|      |  |  |  |  |  |  |  |  |  |                              |  |
|------|--|--|--|--|--|--|--|--|--|------------------------------|--|
| Name |  |  |  |  |  |  |  |  |  | METALLIZED FILM<br>CAPACITOR |  |
| No.  |  |  |  |  |  |  |  |  |  | 1KE19023X                    |  |