

## General-purpose Encoder with External Diameter of 40 mm

- Incremental model
- External diameter of 40 mm.
- Resolution of up to 2,000 ppr.



Be sure to read *Safety Precautions* on page 4.

## Ordering Information

### Encoders [Refer to *Dimensions* on page 4.]

| Power supply voltage | Output configuration      | Resolution (pulses/rotation)                              | Model                                                                  |
|----------------------|---------------------------|-----------------------------------------------------------|------------------------------------------------------------------------|
| 5 to 24 VDC          | NPN open-collector output | 10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600 | <b>E6B2-CWZ6C (resolution) 0.5M</b><br>Example: E6B2-CWZ6C 10P/R 0.5M  |
|                      |                           | 720, 800, 1,000, 1,024                                    |                                                                        |
|                      |                           | 1,200, 1,500, 1,800, 2,000                                |                                                                        |
| 12 to 24 VDC         | PNP open-collector output | 100, 200, 360, 500, 600                                   | <b>E6B2-CWZ5B (resolution) 0.5M</b><br>Example: E6B2-CWZ5B 100P/R 0.5M |
|                      |                           | 1,000                                                     |                                                                        |
|                      |                           | 2,000                                                     |                                                                        |
| 5 to 12 VDC          | Voltage output            | 10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600 | <b>E6B2-CWZ3E (resolution) 0.5M</b><br>Example: E6B2-CWZ3E 10P/R 0.5M  |
|                      |                           | 1,000                                                     |                                                                        |
|                      |                           | 1,200, 1,500, 1,800, 2,000                                |                                                                        |
| 5 VDC                | Line-driver output        | 10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600 | <b>E6B2-CWZ1X (resolution) 0.5M</b><br>Example: E6B2-CWZ1X 10P/R 0.5M  |
|                      |                           | 1,000, 1,024                                              |                                                                        |
|                      |                           | 1,200, 1,500, 1,800, 2,000                                |                                                                        |

### Accessories (Order Separately) [Refer to *Dimensions* on *Rotary Encoder Accessories*.]

| Name                   | Model            | Remarks                                |
|------------------------|------------------|----------------------------------------|
| Couplings              | <b>E69-C06B</b>  | Provided with the product.             |
|                        | <b>E69-C68B</b>  | Different end diameter                 |
|                        | <b>E69-C610B</b> | Different end diameter                 |
|                        | <b>E69-C06M</b>  | Metal construction                     |
| Flanges                | <b>E69-FBA</b>   | ---                                    |
|                        | <b>E69-FBA02</b> | E69-2 Servo Mounting Bracket provided. |
| Servo Mounting Bracket | <b>E69-2</b>     | ---                                    |

Refer to *Accessories* for details.

## Ratings and Specifications

| Item                             | Model  | E6B2-CWZ6C                                                                                                                 | E6B2-CWZ5B                                                                                                                 | E6B2-CWZ3E                                                                                                        | E6B2-CWZ1X                                                                                                                                                     |
|----------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply voltage             |        | 5 VDC −5% to 24 VDC<br>+15%, ripple (p-p): 5% max.                                                                         | 12 VDC −10% to 24 VDC<br>+15%, ripple (p-p): 5% max.                                                                       | 5 VDC −5% to 12 VDC<br>+10%, ripple (p-p): 5% max.                                                                | 5 VDC ±5%, ripple (p-p):<br>5% max.                                                                                                                            |
| Current consumption *1           |        | 80 mA max.                                                                                                                 | 100 mA max.                                                                                                                |                                                                                                                   | 160 mA max.                                                                                                                                                    |
| Resolution (pulses/rotation)     |        | 10, 20, 30, 40, 50, 60, 100,<br>200, 300, 360, 400, 500, 600,<br>720, 800, 1,000, 1,024,<br>1,200, 1,500, 1,800, 2,000     | 100, 200, 360, 500, 600,<br>1,000, 2,000                                                                                   | 10, 20, 30, 40, 50, 60, 100,<br>200, 300, 360, 400, 500, 600,<br>1,000, 1,200, 1,500, 1,800,<br>2,000             | 10, 20, 30, 40, 50, 60, 100,<br>200, 300, 360, 400, 500, 600,<br>1,000, 1,024, 1,200, 1,500,<br>1,800, 2,000                                                   |
| Output phases                    |        | Phases A, B, and Z                                                                                                         |                                                                                                                            |                                                                                                                   | Phases A, $\bar{A}$ , B, $\bar{B}$ , Z, and $\bar{Z}$                                                                                                          |
| Phase difference between outputs |        | 90°±45° between A and B (1/4 T ± 1/8 T)                                                                                    |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Output configuration             |        | NPN open-collector output                                                                                                  | PNP open-collector output                                                                                                  | Voltage output (NPN output)                                                                                       | Line driver output *2                                                                                                                                          |
| Output capacity                  |        | Applied voltage: 30 VDC max.<br>Sink current: 35 mA max.<br>Residual voltage: 0.4 V max.<br>(at sink current of 35 mA)     | Applied voltage: 30 VDC max.<br>Source current: 35 mA max.<br>Residual voltage: 0.4 V max.<br>(at source current of 35 mA) | Output resistance: 2 kΩ<br>Sink current: 20 mA max.<br>Residual voltage: 0.4 V max.<br>(at sink current of 20 mA) | AM26LS31 equivalent<br>Output current<br>High level: $I_o = -20$ mA<br>Low level: $I_s = 20$ mA<br>Output voltage:<br>$V_o = 2.5$ V min.<br>$V_s = 0.5$ V max. |
| Maximum response frequency *3    |        | 100 kHz                                                                                                                    | 50 kHz                                                                                                                     | 100 kHz                                                                                                           |                                                                                                                                                                |
| Rise and fall times of output    |        | 1 μs max. (Control output voltage: 5 V, Load resistance: 1 kΩ, Cable length: 2 m max.)                                     | 1 μs max. (Cable length: 2 m max., Sink current: 10 mA)                                                                    |                                                                                                                   | 0.1 μs max. (Cable length: 2 m max., $I_o = -20$ mA, $I_s = 20$ mA)                                                                                            |
| Starting torque                  |        | 0.98 mN·m max.                                                                                                             |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Moment of inertia                |        | 1×10 <sup>−6</sup> kg·m <sup>2</sup> max.; 3 × 10 <sup>−7</sup> kg·m <sup>2</sup> max. at 600 P/R max.                     |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Shaft load-ing                   | Radial | 30 N                                                                                                                       |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
|                                  | Thrust | 20 N                                                                                                                       |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Maximum permissible speed        |        | 6,000 r/min                                                                                                                |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Protection circuits              |        | Power supply reverse polarity protection, Load short-circuit protection                                                    |                                                                                                                            |                                                                                                                   | ---                                                                                                                                                            |
| Ambient temperature range        |        | Operating: −10 to 70°C (with no icing), Storage: −25 to 85°C (with no icing)                                               |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Ambient humidity range           |        | Operating/Storage: 35% to 85% (with no condensation)                                                                       |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Insulation resistance            |        | 20 MΩ min. (at 500 VDC) between current-carrying parts and case                                                            |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Dielectric strength              |        | 500 VAC, 50/60 Hz for 1 min between current-carrying parts and case                                                        |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Vibration resistance             |        | Destruction: 10 to 500 Hz, 150 m/s <sup>2</sup> or 2-mm double amplitude for 11 min 3 times each in X, Y, and Z directions |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Shock resistance                 |        | Destruction: 1,000m/s <sup>2</sup> 3 times each in X, Y, and Z directions                                                  |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Degree of protection             |        | IEC 60529 IP50                                                                                                             |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Connection method                |        | Pre-wired Models (Standard cable length: 500 mm)                                                                           |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Materials                        |        | Case: ABS, Main unit: Aluminum, Shaft: SUS420J2                                                                            |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Weight (packed state)            |        | Approx. 100 g                                                                                                              |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |
| Accessories                      |        | Coupling, Hexagonal wrench, Instruction manual                                                                             |                                                                                                                            |                                                                                                                   |                                                                                                                                                                |

\*1. An inrush current of approximately 9 A will flow for approximately 0.3 ms when the power is turned ON.

\*2. The line driver output is a data transmission circuit compatible with RS-422A and long-distance transmission is possible with a twisted-pair cable. The quality is equivalent to AM26LS31.

\*3. The maximum electrical response speed is determined by the resolution and maximum response frequency as follows:

$$\text{Maximum electrical response speed (rpm)} = \frac{\text{Maximum response frequency}}{\text{Resolution}} \times 60$$

This means that the E6B2-C Rotary Encoder will not operate electrically if its speed exceeds the maximum electrical response speed.

## I/O Circuit Diagrams

| Model/Output Circuits             | Output mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|-------|---------------------|-------|----------------|-------------------|----------------|--------|----------------|-------------------|----------------|--------|----------------|--------------------|----------------|------|--------------|
| <div>E6B2-CWZ6C</div> <div></div> | <div>E6B2-CWZ6C NPN Open-collector Output Model</div> <div>E6B2-CWZ5B PNP Open-collector Output Model</div> <div>Direction of rotation: CW (as viewed from end of shaft)</div> <div>Direction of rotation: CCW (as viewed from end of shaft)</div> <div></div> <div>Note: Phase A is <math>1/4 T \pm 1/8 T</math> faster than phase B. The ONs in the above timing chart mean that the output transistor is ON and the OFFs mean that the output transistor is OFF.</div> <div>Note: Phase A is <math>1/4 T \pm 1/8 T</math> slower than phase B.</div> | <table><tr><th>Color</th><th>Terminal</th></tr><tr><td>Brown</td><td>Power supply (+Vcc)</td></tr><tr><td>Black</td><td>Output phase A</td></tr><tr><td>White</td><td>Output phase B</td></tr><tr><td>Orange</td><td>Output phase Z</td></tr><tr><td>Blue</td><td>0 V (common)</td></tr></table>                                                                                                                                                                                                                               | Color | Terminal | Brown | Power supply (+Vcc) | Black | Output phase A | White             | Output phase B | Orange | Output phase Z | Blue              | 0 V (common)   |        |                |                    |                |      |              |
| Color                             | Terminal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Brown                             | Power supply (+Vcc)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Black                             | Output phase A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| White                             | Output phase B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Orange                            | Output phase Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Blue                              | 0 V (common)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| <div>E6B2-CWZ5B</div> <div></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| <div>E6B2-CWZ3E</div> <div></div> | <div>E6B2-CWZ3E Voltage Output Model</div> <div>Direction of rotation: CW (as viewed from end of shaft)</div> <div>Direction of rotation: CCW (as viewed from end of shaft)</div> <div></div> <div>Note: Phase A is <math>1/4 T \pm 1/8 T</math> faster than phase B.</div> <div>Note: Phase A is <math>1/4 T \pm 1/8 T</math> slower than phase B.</div>                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| <div>E6B2-CWZ1X</div> <div></div> | <div>E6B2-CWZ1X Line Driver Output Model</div> <div>Direction of rotation: CW (as viewed from end of shaft)</div> <div>Direction of rotation: CCW (as viewed from end of shaft)</div> <div></div>                                                                                                                                                                                                                                                                                                                                                       | <table><tr><th>Color</th><th>Terminal</th></tr><tr><td>Brown</td><td>Power supply (+Vcc)</td></tr><tr><td>Black</td><td>Output phase A</td></tr><tr><td>Black/red stripes</td><td>Output phase A</td></tr><tr><td>White</td><td>Output phase B</td></tr><tr><td>White/red stripes</td><td>Output phase B</td></tr><tr><td>Orange</td><td>Output phase Z</td></tr><tr><td>Orange/red stripes</td><td>Output phase Z</td></tr><tr><td>Blue</td><td>0 V (common)</td></tr></table> <div>Note: Receiver: AM26LS32 equivalent</div> | Color | Terminal | Brown | Power supply (+Vcc) | Black | Output phase A | Black/red stripes | Output phase A | White  | Output phase B | White/red stripes | Output phase B | Orange | Output phase Z | Orange/red stripes | Output phase Z | Blue | 0 V (common) |
| Color                             | Terminal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Brown                             | Power supply (+Vcc)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Black                             | Output phase A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Black/red stripes                 | Output phase A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| White                             | Output phase B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| White/red stripes                 | Output phase B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Orange                            | Output phase Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Orange/red stripes                | Output phase Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |
| Blue                              | 0 V (common)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |          |       |                     |       |                |                   |                |        |                |                   |                |        |                |                    |                |      |              |

Note: 1. The shielded cable outer core (shield) is not connected to the inner area or to the case.  
 2. The phase A, phase B, and phase Z circuits are all identical.  
 3. Normally, connect GND to 0 V or to an external ground.

## Safety Precautions

Refer to *Warranty and Limitations of Liability*.

### ⚠ WARNING

This product is not designed or rated for ensuring safety of persons either directly or indirectly. Do not use it for such purposes.



### Precautions for Safe Use

Incorrect wiring may damage internal circuits.

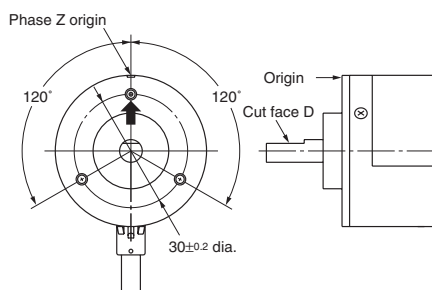
### Precautions for Correct Use

Do not use the Encoder under ambient conditions that exceed the ratings.

#### ● Mounting

##### ● Origin Indication

It is easy to adjust the position of phase Z with the origin indication function. The following illustration shows the relationship between phase Z and the origin. Set cut face D to the phase Z origin as shown in the illustration.



- Do not extend the length of the cable to more than 2 m. If the cable must be more than 2 m, use a Model with a Line-driver Output (max. length: 100 m).

#### ● Wiring

Spurious pulses may be generated when power is turned ON and OFF. Wait at least 0.1 s after turning ON the power to the Encoder before using the connected device, and stop using the connected device at least 0.1 s before turning OFF the power to the Encoder. Also, turn ON the power to the load only after turning ON the power to the Encoder.

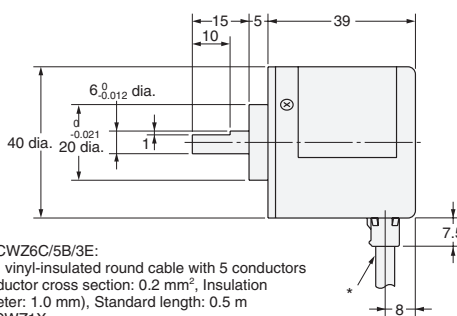
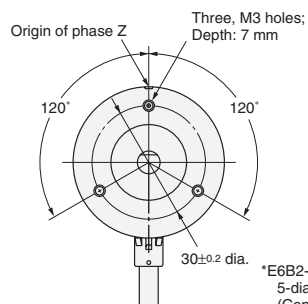
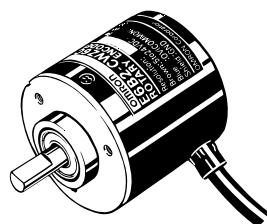
(Unit: mm)

## Dimensions

Tolerance class IT16 applies to dimensions in this datasheet unless otherwise specified.

## Encoder

### E6B2-C



\*E6B2-CWZ6C/5B/3E:  
5-dia. vinyl-insulated round cable with 5 conductors  
(Conductor cross section: 0.2 mm<sup>2</sup>, Insulation diameter: 1.0 mm), Standard length: 0.5 m  
E6B2-CWZ1X:  
5-dia. vinyl-insulated round cable with 8 conductors  
(Conductor cross section: 0.2 mm<sup>2</sup>, Insulation diameter: 1.0 mm), Standard length: 0.5 m

## Accessories (Order Separately)

### Couplings

E69-C06B  
E69-C68B  
E69-C610B  
E69-C06M

### Flanges

E69-FBA  
E69-FBA02

### Servo Mounting Bracket

E69-2

Refer to *Accessories* for details.

## Read and Understand This Catalog

Please read and understand this catalog before purchasing the products. Please consult your OMRON representative if you have any questions or comments.

## Warranty and Limitations of Liability

### WARRANTY

OMRON's exclusive warranty is that the products are free from defects in materials and workmanship for a period of one year (or other period if specified) from date of sale by OMRON.

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The following are some examples of applications for which particular attention must be given. This is not intended to be an exhaustive list of all possible uses of the products, nor is it intended to imply that the uses listed may be suitable for the products:

- Outdoor use, uses involving potential chemical contamination or electrical interference, or conditions or uses not described in this catalog.
- Nuclear energy control systems, combustion systems, railroad systems, aviation systems, medical equipment, amusement machines, vehicles, safety equipment, and installations subject to separate industry or government regulations.
- Systems, machines, and equipment that could present a risk to life or property.

Please know and observe all prohibitions of use applicable to the products.

NEVER USE THE PRODUCTS FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCTS ARE PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

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OMRON shall not be responsible for the user's programming of a programmable product, or any consequence thereof.

## Disclaimers

### CHANGE IN SPECIFICATIONS

Product specifications and accessories may be changed at any time based on improvements and other reasons.

It is our practice to change model numbers when published ratings or features are changed, or when significant construction changes are made. However, some specifications of the products may be changed without any notice. When in doubt, special model numbers may be assigned to fix or establish key specifications for your application on your request. Please consult with your OMRON representative at any time to confirm actual specifications of purchased products.

### DIMENSIONS AND WEIGHTS

Dimensions and weights are nominal and are not to be used for manufacturing purposes, even when tolerances are shown.

### PERFORMANCE DATA

Performance data given in this catalog is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of OMRON's test conditions, and the users must correlate it to actual application requirements. Actual performance is subject to the OMRON Warranty and Limitations of Liability.

### ERRORS AND OMISSIONS

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2010.8

In the interest of product improvement, specifications are subject to change without notice.

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# Mouser Electronics

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[E6B2-CWZ1X 600P/R 2M](#) [E6B2-CWZ6C 1000P/R 2M](#) [E6B2-CWZ6C 100P/R 0.5M](#) [E6B2-CWZ6C 100P/R 2M](#) [E6B2-](#)  
[CWZ6C 2000P/R 0.5M](#) [E6B2-CWZ6C 200P/R 2M](#) [E6B2-CWZ6C 300P/R 0.5M](#) [E6B2-CWZ6C 360P/R 0.5M](#) [E6B2-](#)  
[CWZ6C 360P/R 2M](#) [E6B2-CWZ6C 500P/R 2M](#) [E6B2-CWZ6C 600P/R 2M](#) [E6C2-CWZ1X 10P/R 2M](#) [E6C2-CWZ1X](#)  
[200P/R 2M](#) [E6C2-CWZ1X 300P/R 2M](#) [E6C2-CWZ1X 50P/R 2M](#) [E6C2-CWZ1X 600P/R 2M](#) [E6B2-CWZ6C-10P/R0.5M](#)  
[E6B2-CWZ1X 2000P/R 5M](#) [E6B2-CWZ6C 500P/R 0.5M](#) [E6B2-CWZ6C 200P/R 0.5M](#)

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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