

## General-purpose Encoder with External Diameter of 50 mm

- Incremental model
- External diameter of 50 mm.
- Resolution of up to 2,000 ppr.
- IP64 (improved oil-proof construction with sealed bearings)
- Side or back connections are possible. Pre-wired Models with cable connected at an angle.



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          | Open-collector output (NPN) | 10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600 | <b>E6C2-CWZ6C (resolution) 2M</b><br>Example: E6C2-CWZ6C 10P/R 2M  |
|                      |                             | 720, 800, 1,000, 1,024, 1,200, 1,500, 1,800, 2,000        |  |
| 12 to 24 VDC         | Open-collector output (PNP) | 100, 200, 360, 500, 600                                   | <b>E6C2-CWZ5B (resolution) 2M</b><br>Example: E6C2-CWZ5B 100P/R 2M |
|                      |                             | 1,000, 2,000  |  |
| 5 to 12 VDC          | Voltage output              | 10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600 | <b>E6C2-CWZ3E (resolution) 2M</b><br>Example: E6C2-CWZ3E 10P/R 2M  |
|                      |                             | 720, 800, 1,000, 1,024, 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>E6C2-CWZ1X (resolution) 2M</b><br>Example: E6C2-CWZ1X 10P/R 2M  |
|                      |                             | 720, 800, 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                                |
|-------------------------------|------------------|--|
| <b>Couplings</b>              | <b>E69-C06B</b>  | ---                                    |
|                               | <b>E69-C68B</b>  | Different end diameter                 |
|                               | <b>E69-C610B</b> | Different end diameter                 |
|                               | <b>E69-C06M</b>  | Metal construction                     |
| <b>Flanges</b>                | <b>E69-FCA</b>   | ---                                    |
|                               | <b>E69-FCA02</b> | E69-2 Servo Mounting Bracket provided. |
| <b>Servo Mounting Bracket</b> | <b>E69-2</b>     | Provided with E69-FCA02 Flange.        |

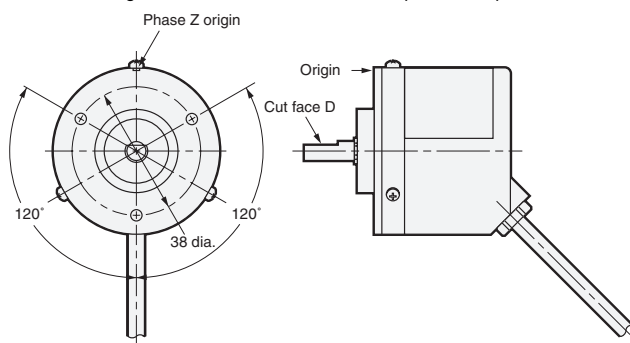
Refer to *Accessories* for details.

## Ratings and Specifications

| Item                             | Model  | E6C2-CWZ6C   | E6C2-CWZ5B   | E6C2-CWZ3E  | E6C2-CWZ1X   |
|----------------------------------|--------|--|--|---|--|
| Power supply voltage             |        | 5 VDC -5% to 24 VDC +15%, ripple (p-p): 5% max.  | 12 VDC -10% to 24 VDC +15%, ripple (p-p): 5% max.  | 5 VDC -5% to 12 VDC +10%, ripple (p-p): 5% max.   | 5 VDC ±5%, ripple (p-p): 5% max.   |
| Current consumption*1            |        | 80 mA max.   | 100 mA max.  |   | 160 mA max.  |
| Resolution (pulses/rotation)     |        | 10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600, 720, 800, 1,000, 1,024, 1,200, 1,500, 1,800, 2,000              | 100, 200, 360, 500, 600, 1,000, 2,000  | 10, 20, 30, 40, 50, 60, 100, 200, 300, 360, 400, 500, 600, 720, 800, 1,000, 1,024, 1,200, 1,500, 1,800, 2,000               |  |
| Output phases                    |        | Phases A, B, and Z   |  |   | Phases A, $\bar{A}$ , B, $\bar{B}$ , Z, and $\bar{Z}$  |
| 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 k $\Omega$<br>Output current: 20 mA max.<br>Residual voltage: 0.4 V max.<br>(at sink current of 20 mA) | AM26LS31 equivalent<br>Output voltage:<br>High level: $I_o = -20$ mA<br>Low level: $I_s = 20$ mA<br>Output voltage: $V_o = 2.5$ V min.<br>$V_s = 0.5$ V max. |
| Maximum response frequency*3     |        | 100 kHz  | 50 kHz   | 100 kHz   |  |
| Phase difference between outputs |        | 90°±45° between A and B (1/4 T ± 1/8 T)  |  |   |  |
| Rise and fall times of output    |        | 1 $\mu$ s max.<br>(Control output voltage: 5 V, Load resistance: 1 k $\Omega$ , Cable length: 2 m)                         | 1 $\mu$ s max.<br>(Cable length: 2 m, Sink current: 10 mA)   |   | 0.1 $\mu$ s max.<br>(Cable length: 2 m, $I_o = -20$ mA, $I_s = 20$ mA)   |
| Starting torque                  |        | 10 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 loading                    | Radial | 50 N   |  |   |  |
|                                  | Thrust | 30 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 M $\Omega$ 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: 1,000 m/s <sup>2</sup> 3 times each in X, Y, and Z directions   |  |   |  |
| Degree of protection             |        | IEC 60529 IP64, in-house standards: oilproof   |  |   |  |
| Connection method                |        | Pre-wired Models (Standard cable length: 2 m)  |  |   |  |
| Material                         |        | Case: Zinc alloy, Main unit: Aluminum, Shaft: SUS420J2   |  |   |  |
| Weight (packed state)            |        | Approx. 400 g  |  |   |  |
| Accessories                      |        | Instruction manual Note: Coupling, mounting bracket and hex-head spanner are sold separately.                              |  |   |  |

Note: Origin Indication

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.



\*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. (AM26LS31 equivalent)

\*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 E6C2-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   |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
|--------------------------|--|--|-------|----------|-------|---------------------|-------|----------------|-------|----------------|--------|----------------|-------------------|------------------------|-------------------|------------------------|--------------------|------------------------|------|--------------|
| <p><b>E6C2-CWZ6C</b></p> | <p><b>E6C2-CWZ6C NPN Open-collector Output Model</b><br/> <b>E6C2-CWZ5B PNP Open-collector Output Model</b></p> <p>Direction of rotation: CW (as viewed from end of shaft)      Direction of rotation: CCW (as viewed from end of shaft)</p> <p>Note: Phase A is <math>1/4 T \pm 1/8 T</math> faster than phase B.      Note: Phase A is <math>1/4 T \pm 1/8 T</math> slower than phase B.</p> <p>(The ONs in the above timing chart mean that the output transistor is ON and the OFFs mean that the output transistor is OFF.)</p> | <table border="1"> <thead> <tr> <th>Color</th> <th>Terminal</th> </tr> </thead> <tbody> <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> </tbody> </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)   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| <p><b>E6C2-CWZ5B</b></p> | <p><b>E6C2-CWZ3E Voltage Output Model</b></p> <p>Direction of rotation: CW (as viewed from end of shaft)      Direction of rotation: CCW (as viewed from end of shaft)</p> <p>Note: Phase A is <math>1/4 T \pm 1/8 T</math> faster than phase B.      Note: Phase A is <math>1/4 T \pm 1/8 T</math> slower than phase B.</p>   | <table border="1"> <thead> <tr> <th>Color</th> <th>Terminal</th> </tr> </thead> <tbody> <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> </tbody> </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)   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| <p><b>E6C2-CWZ3E</b></p> | <p><b>E6C2-CWZ1X Line Driver Output Model</b></p> <p>Direction of rotation: CW (as viewed from end of shaft)      Direction of rotation: CCW (as viewed from end of shaft)</p> <p>Note: Receiver: AM26LS32 equivalent</p>  | <table border="1"> <thead> <tr> <th>Color</th> <th>Terminal</th> </tr> </thead> <tbody> <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>Black/red stripes</td> <td>Output phase <math>\bar{A}</math></td> </tr> <tr> <td>White/red stripes</td> <td>Output phase <math>\bar{B}</math></td> </tr> <tr> <td>Orange/red stripes</td> <td>Output phase <math>\bar{Z}</math></td> </tr> <tr> <td>Blue</td> <td>0 V (common)</td> </tr> </tbody> </table> | Color | Terminal | Brown | Power supply (+Vcc) | Black | Output phase A | White | Output phase B | Orange | Output phase Z | Black/red stripes | Output phase $\bar{A}$ | White/red stripes | Output phase $\bar{B}$ | Orange/red stripes | Output phase $\bar{Z}$ | Blue | 0 V (common) |
| Color                    | Terminal   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Brown                    | Power supply (+Vcc)  |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Black                    | Output phase A   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| White                    | Output phase B   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Orange                   | Output phase Z   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Black/red stripes        | Output phase $\bar{A}$   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| White/red stripes        | Output phase $\bar{B}$   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Orange/red stripes       | Output phase $\bar{Z}$   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Blue                     | 0 V (common)   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| <p><b>E6C2-CWZ1X</b></p> | <p><b>E6C2-CWZ1X Line Driver Output Model</b></p> <p>Direction of rotation: CW (as viewed from end of shaft)      Direction of rotation: CCW (as viewed from end of shaft)</p> <p>Note: Receiver: AM26LS32 equivalent</p>  | <table border="1"> <thead> <tr> <th>Color</th> <th>Terminal</th> </tr> </thead> <tbody> <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>Black/red stripes</td> <td>Output phase <math>\bar{A}</math></td> </tr> <tr> <td>White/red stripes</td> <td>Output phase <math>\bar{B}</math></td> </tr> <tr> <td>Orange/red stripes</td> <td>Output phase <math>\bar{Z}</math></td> </tr> <tr> <td>Blue</td> <td>0 V (common)</td> </tr> </tbody> </table> | Color | Terminal | Brown | Power supply (+Vcc) | Black | Output phase A | White | Output phase B | Orange | Output phase Z | Black/red stripes | Output phase $\bar{A}$ | White/red stripes | Output phase $\bar{B}$ | Orange/red stripes | Output phase $\bar{Z}$ | Blue | 0 V (common) |
| Color                    | Terminal   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Brown                    | Power supply (+Vcc)  |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Black                    | Output phase A   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| White                    | Output phase B   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Orange                   | Output phase Z   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Black/red stripes        | Output phase $\bar{A}$   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| White/red stripes        | Output phase $\bar{B}$   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| Orange/red stripes       | Output phase $\bar{Z}$   |  |       |          |       |                     |       |                |       |                |        |                |                   |                        |                   |                        |                    |                        |      |              |
| 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 Correct Use**

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

● **Wiring**

**Cable Extension Characteristics**

- When the cable length is extended, the output waveform startup time is lengthened and it affects the phase difference characteristics of phases A and B. Conditions will change according to frequency, noise, and other factors. As a guideline, use a cable length of 10 m\* or less. If the cable must be more than 2 m, use a Model with a Line-driver Output (max. length for line-driver output: 100 m).

\* Recommended Cable  
 Conductor cross section: 0.2 mm<sup>2</sup>  
 Spiral shield  
 Conductor resistance: 92 Ω/km max. (20°C)  
 Insulation resistance: 5 Ω/km min. (20°C)

- The output waveform startup time changes not only according to the length of the cable, but also according to the load resistance and the cable type.
- Extending the cable length not only changes the startup time, but also increases the output residual voltage.

● **Connection**

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.

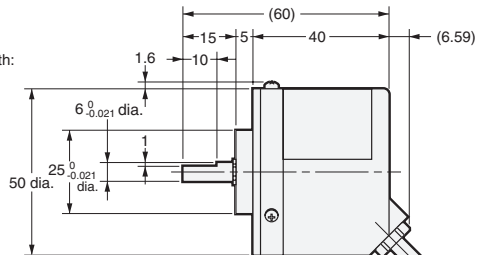
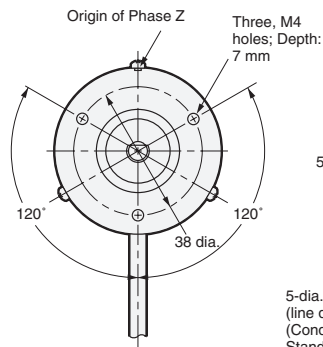
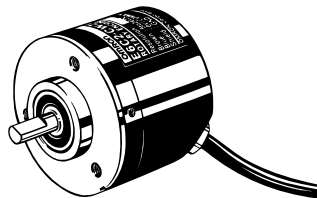
(Unit: mm)

## Dimensions

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

### Encoder

E6C2-CWZ□□



5-dia. oil-resistant PVC-insulated shielded cable with 5 conductors (line driver: 8 conductors)  
 (Conductor cross section: 0.2 mm<sup>2</sup>, Insulator diameter: 1.0 mm),  
 Standard length: 2 m

## Accessories (Order Separately)

**Couplings**

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

**Flanges**

- E69-FCA
- E69-FCA02

**Servo Mounting Bracket**

**E69-2 (Three brackets in a set.)**

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

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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.

### PROGRAMMABLE PRODUCTS

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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2011.4

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

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[E6C2-CWZ1X 1000P/R 2M](#) [E6C2-CWZ1X 100P/R 2M](#) [E6C2-CWZ1X 1200P/R 2M](#) [E6C2-CWZ1X 1500P/R 2M](#)  
[E6C2-CWZ1X 1800P/R 2M](#) [E6C2-CWZ1X 2000P/R 2M](#) [E6C2-CWZ1X 20P/R 2M](#) [E6C2-CWZ1X 30P/R 2M](#) [E6C2-](#)  
[CWZ1X 360P/R 2M](#) [E6C2-CWZ1X 400P/R 2M](#) [E6C2-CWZ1X 40P/R 2M](#) [E6C2-CWZ1X 500P/R 2M](#) [E6C2-CWZ1X](#)  
[60P/R 2M](#) [E6C2-CWZ1X 720P/R 2M](#) [E6C2-CWZ3E-10 314P/R 5M](#) [E6C2-CWZ3E 10P/R 2M](#) [E6C2-CWZ3E 1200P/R](#)  
[2M](#) [E6C2-CWZ3E 1500P/R 2M](#) [E6C2-CWZ3E 1800P/R 2M](#) [E6C2-CWZ3E 2000P/R 2M](#) [E6C2-CWZ3E 20P/R 2M](#)  
[E6C2-CWZ3E 300P/R 2M](#) [E6C2-CWZ3E 30P/R 2M](#) [E6C2-CWZ3E 360P/R 2M](#) [E6C2-CWZ3E 400P/R 2M](#) [E6C2-](#)  
[CWZ3E 40P/R 2M](#) [E6C2-CWZ3E 500P/R 2M](#) [E6C2-CWZ3E 600P/R 2M](#) [E6C2-CWZ3E 60P/R 2M](#) [E6C2-CWZ5B](#)  
[1000P/R 2M](#) [E6C2-CWZ5B 2000P/R 2M](#) [E6C2-CWZ5B 200P/R 2M](#) [E6C2-CWZ5B 500P/R 2M](#) [E6C2-CWZ6C](#)  
[1000P/R 2M](#) [E6C2-CWZ6C 100P/R 2M](#) [E6C2-CWZ6C 1024P/R 2M](#) [E6C2-CWZ6C 1200P/R 2M](#) [E6C2-CWZ6C-12](#)  
[500P/R 10M](#) [E6C2-CWZ6C 1500P/R 2M](#) [E6C2-CWZ6C 1800P/R 2M](#) [E6C2-CWZ6C 2000P/R 2M](#) [E6C2-CWZ6C](#)  
[20P/R 2M](#) [E6C2-CWZ6C 300P/R 2M](#) [E6C2-CWZ6C 30P/R 2M](#) [E6C2-CWZ6C 360P/R 2M](#) [E6C2-CWZ6C 400P/R 2M](#)  
[E6C2-CWZ6C 40P/R 2M](#) [E6C2-CWZ6C 50P/R 2M](#) [E6C2-CWZ6C 600P/R 2M](#) [E6C2-CWZ6C 60P/R 2M](#) [E6C2-](#)  
[CWZ6C 720P/R](#) [E6C2-CWZ6C 800P/R 2M](#) [E6C2-CWZ1X 1024P/R 2M](#) [E6C2CWZ6C10PR2M](#) [E6C2-CWZ6C 10P/R](#)  
[2M](#)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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