

# G3VM-□AY□/□DY□

MOS FET Relays Small DIP4 package with High dielectric strength type

## Small DIP4 package with Dielectric Strength of 5,000 VAC between I/O

- Load voltage 40V/60V/200V/350V/400V/600V
- High-temperature type which can withstand temperatures up to 110°C is added to the product lineup



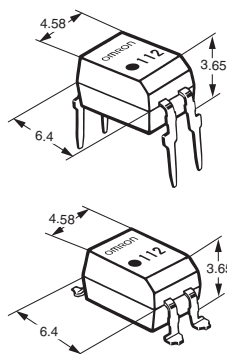
**Note:** The actual product is marked differently from the image shown here.

Refer to "Common Precautions".

### Application Examples

- Smart meter
- PLC
- Security equipment
- Communication equipment

### Package (Unit : mm, Average)



**Note:** The actual product is marked differently from the image shown here.

### Model Number Legend

G3VM-□□□□□  
1 2 3 4 5

#### 1. Load Voltage

4: 40V  
6: 60V  
20: 200V  
35: 350V  
40: 400V  
60: 600V

#### 2. Contact form

1: 1a (SPST-NO)

#### 3. Package type

A: DIP4 pin PCB terminals  
D: DIP4 pin Surface-mounting Terminals

#### 4. Additional functions

Y: Dielectric strength between I/O above 2,500V type

#### 5. Other informations

When specifications overlap, serial code is added in the recorded order.

### Ordering Information

#### Standard Type

| Package type | Contact form | Load voltage (peak value) * | Continuous load current (peak value) * | Packing/Tube  |                            |                          | Packing/Tape & reel        |                          |
|--------------|--------------|-----------------------------|----------------------------------------|---------------|----------------------------|--------------------------|----------------------------|--------------------------|
|              |              |                             |                                        | Model         |                            | Minimum package quantity | Model                      | Minimum package quantity |
|              |              |                             |                                        | PCB terminals | Surface-mounting Terminals |                          | Surface-mounting Terminals |                          |
| DIP4         | 1a           | 40V                         | 2000mA                                 | G3VM-41AY1    | G3VM-41DY1                 | 100 pcs.                 | G3VM-41DY1(TR05)           | 500 pcs.                 |
|              |              | 60V                         | 500mA                                  | G3VM-61AY1    | G3VM-61DY1                 |                          | G3VM-61DY1(TR05)           |                          |
|              |              | 200V                        | 250mA                                  | G3VM-201AY1   | G3VM-201DY1                |                          | G3VM-201DY1(TR05)          |                          |
|              |              | 350V                        | 100mA                                  | G3VM-351AY1   | G3VM-351DY1                |                          | G3VM-351DY1(TR05)          |                          |
|              |              | 400V                        | 120mA                                  | G3VM-401AY1   | G3VM-401DY1                |                          | G3VM-401DY1(TR05)          |                          |
|              |              | 600V                        | 90mA                                   | G3VM-601AY1   | G3VM-601DY1                |                          | G3VM-601DY1(TR05)          |                          |

#### High Temperature Type

| Package type | Contact form | Load voltage (peak value) * | Continuous load current (peak value) * | Packing/Tube  |                            |                          | Packing/Tape & reel        |                          |
|--------------|--------------|-----------------------------|----------------------------------------|---------------|----------------------------|--------------------------|----------------------------|--------------------------|
|              |              |                             |                                        | Model         |                            | Minimum package quantity | Model                      | Minimum package quantity |
|              |              |                             |                                        | PCB terminals | Surface-mounting Terminals |                          | Surface-mounting Terminals |                          |
| DIP4         | 1a           | 400V                        | 120mA                                  | G3VM-401AY2   | G3VM-401DY2                | 100 pcs.                 | G3VM-401DY2(TR05)          | 500 pcs.                 |
|              |              | 600V                        | 90mA                                   | G3VM-601AY2   | G3VM-601DY2                |                          | G3VM-601DY2(TR05)          |                          |

**Note:** To order tape packaging for Relays with surface-mounting terminals, and "(TR05)" to the end of the model number.

\* The AC peak and DC value are given for the load voltage and continuous load current.

## ■Absolute Maximum Ratings (Ta = 25°C)

## ●Standard Type

| Item                              |                                      | Symbol                      | G3VM-41AY1<br>G3VM-41DY1 | G3VM-61AY1<br>G3VM-61DY1 | G3VM-201AY1<br>G3VM-201DY1 | G3VM-351AY1<br>G3VM-351DY1 | G3VM-401AY1<br>G3VM-401DY1 | G3VM-601AY1<br>G3VM-601DY1 | Unit  | Measurement conditions        |
|-----------------------------------|--------------------------------------|-----------------------------|--------------------------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------|-------------------------------|
| Input                             | LED forward current                  | IF                          | 30                       |                          |                            |                            |                            |                            | mA    |                               |
|                                   | LED forward current reduction rate   | $\Delta I_F/^\circ\text{C}$ | -0.3                     |                          |                            |                            |                            |                            | mA/°C | Ta≥25°C                       |
|                                   | LED reverse voltage                  | VR                          | 5                        |                          |                            |                            |                            |                            | V     |                               |
|                                   | Junction temperature                 | TJ                          | 125                      |                          |                            |                            |                            |                            | °C    |                               |
| Output                            | Load voltage (AC peak/DC)            | V <sub>OFF</sub>            | 40                       | 60                       | 200                        | 350                        | 400                        | 600                        | V     |                               |
|                                   | Continuous load current (AC peak/DC) | Io                          | 2,000                    | 500                      | 250                        | 100                        | 120                        | 90                         | mA    |                               |
|                                   | ON current reduction rate            | $\Delta I_o/^\circ\text{C}$ | -20                      | -5                       | -2.5                       | -1                         | -1.2                       | -0.9                       | mA/°C | Ta≥25°C                       |
|                                   | Pulse ON current                     | Iop                         | 6                        | 1.5                      | 0.75                       | 0.3                        | 0.36                       | 0.27                       | A     | t=100ms, Duty=1/10            |
|                                   | Junction temperature                 | TJ                          | 125                      |                          |                            |                            |                            |                            | °C    |                               |
| Dielectric strength between I/O * |                                      | VI-O                        | 5,000                    |                          |                            |                            |                            |                            | Vrms  | AC for 1 min                  |
| Ambient operating temperature     |                                      | Ta                          | -40~+85                  |                          |                            |                            |                            |                            | °C    | With no icing or condensation |
| Ambient storage temperature       |                                      | Tstg                        | -55~+125                 |                          |                            |                            |                            |                            | °C    |                               |
| Soldering temperature             |                                      | —                           | 260                      |                          |                            |                            |                            |                            | °C    | 10s                           |

## ●High Temperature Type

| Item   |                                      | Symbol              | G3VM-401AY2<br>G3VM-401DY2 | G3VM-601AY2<br>G3VM-601DY2 | Unit  | Measurement conditions        |
|--------|--------------------------------------|---------------------|----------------------------|----------------------------|-------|-------------------------------|
| Input  | LED forward current                  | I <sub>F</sub>      | 30                         |                            | mA    |                               |
|        | LED forward current reduction rate   | ΔI <sub>F</sub> /°C | -1.2                       |                            | mA/°C | Ta≥100°C                      |
|        | LED reverse voltage                  | V <sub>R</sub>      | 6                          |                            | V     |                               |
|        | Junction temperature                 | T <sub>J</sub>      | 125                        |                            | °C    |                               |
| Output | Load voltage (AC peak/DC)            | V <sub>OFF</sub>    | 400                        | 600                        | V     |                               |
|        | Continuous load current (AC peak/DC) | I <sub>o</sub>      | 120                        | 90                         | mA    |                               |
|        | ON current reduction rate            | ΔI <sub>o</sub> /°C | -1.2                       | -0.9                       | mA/°C | Ta≥25°C                       |
|        | Pulse ON current                     | I <sub>op</sub>     | 0.36                       | 0.27                       | A     | t=100ms, Duty=1/10            |
|        | Junction temperature                 | T <sub>J</sub>      | 125                        |                            | °C    |                               |
|        | Dielectric strength between I/O *    | V <sub>I-O</sub>    | 5,000                      |                            | Vrms  | AC for 1 min                  |
|        | Ambient operating temperature        | T <sub>a</sub>      | -40~-+110                  |                            | °C    | With no icing or condensation |
|        | Ambient storage temperature          | T <sub>stg</sub>    | -55~-+125                  |                            |       |                               |
|        | Soldering temperature                | -                   | 260                        |                            |       |                               |

\* The dielectric strength between the input and output was checked by applying voltage between all pins as a group on the LED side and all pins as a group on the light-receiving side.

## ■Electrical Characteristics (Ta = 25°C)

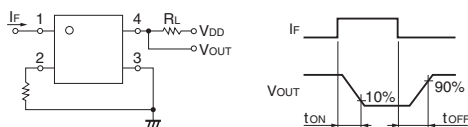
## ●Standard Type

| Item                                        |                                        |                   | Symbol           |            | G3VM-41AY1<br>G3VM-41DY1 | G3VM-61AY1<br>G3VM-61DY1 | G3VM-201AY1<br>G3VM-201DY1 | G3VM-351AY1<br>G3VM-351DY1 | G3VM-401AY1<br>G3VM-401DY1 | G3VM-601AY1<br>G3VM-601DY1 | Unit                                                                                            | Measurement conditions                                                                                                                                                                                                                                        |                                                |
|---------------------------------------------|----------------------------------------|-------------------|------------------|------------|--------------------------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Input                                       | LED forward voltage                    | V <sub>F</sub>    | Minimum          | 1.1        |                          |                          |                            |                            |                            |                            | V                                                                                               | I <sub>F</sub> =10mA                                                                                                                                                                                                                                          |                                                |
|                                             |                                        |                   | Typical          | 1.27       |                          |                          |                            |                            |                            |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |
|                                             |                                        |                   | Maximum          | 1.4        |                          |                          |                            |                            |                            |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |
|                                             | Reverse current                        | I <sub>R</sub>    | Maximum          | 10         |                          |                          |                            |                            |                            |                            | μA                                                                                              | V <sub>R</sub> =5V                                                                                                                                                                                                                                            |                                                |
|                                             | Capacitance between terminals          | C <sub>T</sub>    | Typical          | 50         |                          |                          |                            |                            |                            |                            | pF                                                                                              | V=0V, f=1MHz                                                                                                                                                                                                                                                  |                                                |
|                                             | Trigger LED forward current            | I <sub>FT</sub>   | Typical          | 0.5        | 0.6                      |                          |                            |                            | 0.5                        | mA                         | G3VM-41AY1/DY1 : I <sub>o</sub> =1A<br>Others : I <sub>o</sub> =Continuous load current ratings |                                                                                                                                                                                                                                                               |                                                |
| Maximum                                     |                                        |                   | 3                |            |                          |                          |                            |                            |                            |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |
|                                             | Release LED forward current            | I <sub>FC</sub>   | Minimum          | 0.1        |                          |                          |                            |                            |                            |                            | mA                                                                                              | I <sub>OFF</sub> =10μA                                                                                                                                                                                                                                        |                                                |
| Output                                      | Maximum resistance with output ON      | R <sub>ON</sub>   | Typical          | 0.09(0.06) | 0.6                      | 5                        | 35(25)                     | 22(17)                     | 45(30)                     | Ω                          | I <sub>F</sub> =5mA,<br>I <sub>o</sub> =Continuous load current ratings<br>(value at t<1s)      |                                                                                                                                                                                                                                                               |                                                |
|                                             |                                        |                   | Maximum          | 0.15(0.10) | 2                        | 8                        | 50(35)                     | 35(28)                     | 60(40)                     |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |
|                                             | Current leakage when the relay is open | I <sub>LEAK</sub> | Maximum          | 1          |                          |                          |                            |                            |                            |                            | μA                                                                                              | V <sub>OFF</sub> =Load voltage ratings                                                                                                                                                                                                                        |                                                |
|                                             | Capacitance between terminals          | C <sub>OFF</sub>  | Typical          | 300        | 130                      | 90                       | 30                         | 80                         | 75                         | pF                         | V=0V, f=1MHz                                                                                    |                                                                                                                                                                                                                                                               |                                                |
| Capacitance between I/O terminals           |                                        |                   | C <sub>I-O</sub> | Typical    | 0.8                      |                          |                            |                            |                            |                            |                                                                                                 | pF                                                                                                                                                                                                                                                            | V <sub>s</sub> =0V, f=1MHz                     |
| Insulation resistance between I/O terminals |                                        |                   | R <sub>I-O</sub> | Minimum    | 1000                     |                          |                            |                            |                            |                            |                                                                                                 | MΩ                                                                                                                                                                                                                                                            | V <sub>I-O</sub> =500VDC, R <sub>oH</sub> ≤60% |
|                                             |                                        |                   |                  | Typical    | 10 <sup>8</sup>          |                          |                            |                            |                            |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |
| Turn-ON time                                |                                        |                   | t <sub>ON</sub>  | Typical    | 2.8                      | 1                        |                            | 0.3                        | 0.6                        | 0.5                        | ms                                                                                              | G3VM-41AY1/DY1 :<br>R <sub>L</sub> =200Ω, I <sub>F</sub> =10mA, V <sub>DD</sub> =20V<br>G3VM-601AY1/DY1 :<br>R <sub>L</sub> =200Ω, I <sub>F</sub> =5mA, V <sub>DD</sub> =10V<br>Others :<br>R <sub>L</sub> =200Ω, I <sub>F</sub> =5mA, V <sub>DD</sub> =20V * |                                                |
|                                             |                                        |                   |                  | Maximum    | 5                        | 3                        |                            | 2                          |                            |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |
| Turn-OFF time                               |                                        |                   | t <sub>OFF</sub> | Typical    | 0.3                      | 0.2                      | 0.1                        |                            | 0.2                        |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |
|                                             |                                        |                   |                  | Maximum    | 1                        |                          |                            |                            |                            |                            |                                                                                                 |                                                                                                                                                                                                                                                               |                                                |

## ●High Temperature Type

| Item                                        |                                    | Symbol            |         | G3VM-401AY2<br>G3VM-401DY2 |  | G3VM-601AY2<br>G3VM-601DY2 |    | Unit                   | Measurement conditions                                                                                                                                                   |
|---------------------------------------------|------------------------------------|-------------------|---------|----------------------------|--|----------------------------|----|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input                                       | LED forward voltage                | V <sub>F</sub>    | Minimum | —                          |  | —                          |    | V                      | I <sub>F</sub> =10mA                                                                                                                                                     |
|                                             |                                    |                   | Typical | 1.27                       |  |                            |    |                        |                                                                                                                                                                          |
|                                             |                                    |                   | Maximum | 1.5                        |  |                            |    |                        |                                                                                                                                                                          |
|                                             | Reverse current                    | I <sub>R</sub>    | Maximum | 10                         |  |                            |    | μA                     | V <sub>R</sub> =6V                                                                                                                                                       |
|                                             | Capacitance between terminals      | C <sub>T</sub>    | Typical | 50                         |  |                            |    | pF                     | V=0V, f=1MHz                                                                                                                                                             |
|                                             | Trigger LED forward current        | I <sub>FT</sub>   | Typical | 0.6                        |  | 0.5                        |    | mA                     | I <sub>O</sub> =Continuous load current ratings                                                                                                                          |
|                                             |                                    |                   | Maximum | 2                          |  |                            |    |                        |                                                                                                                                                                          |
| Release LED forward current                 | I <sub>FC</sub>                    | Minimum           | 0.1     |                            |  |                            | mA | I <sub>OFF</sub> =10μA |                                                                                                                                                                          |
| Output                                      | Maximum resistance with output ON  | R <sub>ON</sub>   | Typical | 22(17)                     |  | 45(30)                     |    | Ω                      | I <sub>F</sub> =5mA, I <sub>O</sub> =Continuous load current ratings (value at t<1s)                                                                                     |
|                                             |                                    |                   | Maximum | 35(28)                     |  | 60(40)                     |    |                        |                                                                                                                                                                          |
|                                             | Current leakage when relay is open | I <sub>LEAK</sub> | Maximum | 1                          |  |                            |    | μA                     | V <sub>OFF</sub> =Load voltage ratings                                                                                                                                   |
|                                             | Capacitance between terminals      | C <sub>OFF</sub>  | Typical | 80                         |  | 75                         |    | pF                     | V=0V, f=1MHz                                                                                                                                                             |
| Capacitance between I/O terminals           |                                    | C <sub>I-O</sub>  | Typical | 0.8                        |  |                            |    | pF                     | V <sub>S</sub> =0V, f=1MHz                                                                                                                                               |
| Insulation resistance between I/O terminals |                                    | R <sub>I-O</sub>  | Minimum | 1000                       |  |                            |    | MΩ                     | V <sub>I-O</sub> =500VDC, RoH≤60%                                                                                                                                        |
|                                             |                                    |                   | Typical | 10 <sup>8</sup>            |  |                            |    |                        |                                                                                                                                                                          |
| Turn-ON time                                |                                    | t <sub>ON</sub>   | Typical | 0.2                        |  |                            |    | ms                     | G3VM-601AY2/DY2<br>R <sub>L</sub> =200Ω, I <sub>F</sub> =5mA, V <sub>DD</sub> =10V<br>G3VM-401AY2/DY2<br>R <sub>L</sub> =200Ω, I <sub>F</sub> =5mA, V <sub>DD</sub> =20V |
|                                             |                                    |                   | Maximum | 1                          |  | 0.5                        |    |                        |                                                                                                                                                                          |
| Turn-OFF time                               |                                    | t <sub>OFF</sub>  | Typical | 0.2                        |  | 0.1                        |    |                        |                                                                                                                                                                          |
|                                             |                                    |                   | Maximum | 0.5                        |  | 0.2                        |    |                        |                                                                                                                                                                          |

## \* Turn-ON and Turn-OFF Times



Recommended Operating Conditions

For usage with high reliability, Recommended Operation Conditions is a measure that takes into account the derating of Absolute Maximum Ratings and Electrical Characteristics.  
Each item on this list is an independent condition, it does not satisfy several conditions simultaneously.

Standard Type

| Item                                 | Symbol          |         | G3VM-41AY1<br>G3VM-41DY1 | G3VM-61AY1<br>G3VM-61DY1 | G3VM-201AY1<br>G3VM-201DY1 | G3VM-351AY1<br>G3VM-351DY1 | G3VM-401AY1<br>G3VM-401DY1 | G3VM-601AY1<br>G3VM-601DY1 | Unit |
|--------------------------------------|-----------------|---------|--------------------------|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------|
| Load voltage (AC peak/DC)            | V <sub>DD</sub> | Maximum | 32                       | 48                       | 160                        | 280                        | 320                        | 480                        | V    |
| Operating LED forward current        | I <sub>F</sub>  | Minimum | 5                        |                          |                            |                            |                            |                            | mA   |
|                                      |                 | Typical | 7.5                      |                          |                            |                            |                            |                            |      |
|                                      |                 | Maximum | 25                       |                          |                            |                            |                            |                            |      |
| Continuous load current (AC peak/DC) | I <sub>O</sub>  | Maximum | 2000                     | 500                      | 250                        | 100                        | 120                        | 90                         |      |
| Ambient operating temperature        | T <sub>a</sub>  | Minimum | −20                      |                          |                            |                            |                            |                            | °C   |
|                                      |                 | Maximum | 65                       |                          |                            |                            |                            |                            |      |

High Temperature Type

| Item                                 | Symbol          |         | G3VM-401AY2<br>G3VM-401DY2 | G3VM-601AY2<br>G3VM-601DY2 | Unit |
|--------------------------------------|-----------------|---------|----------------------------|----------------------------|------|
| Load voltage (AC peak/DC)            | V <sub>DD</sub> | Maximum | 320                        | 480                        | V    |
| Operating LED forward current        | I <sub>F</sub>  | Minimum | 5                          |                            | mA   |
|                                      |                 | Typical | 7.5                        |                            |      |
|                                      |                 | Maximum | 25                         |                            |      |
| Continuous load current (AC peak/DC) | I <sub>o</sub>  | Maximum | 120                        | 90                         |      |
| Ambient operating temperature        | T <sub>a</sub>  | Minimum | −20                        |                            | °C   |
|                                      |                 | Maximum | 100                        |                            |      |

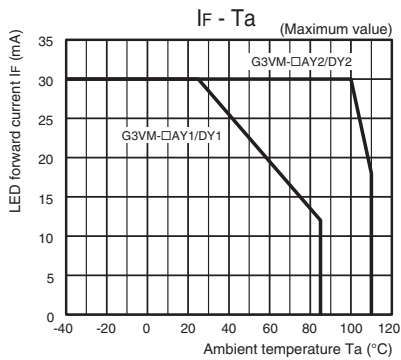
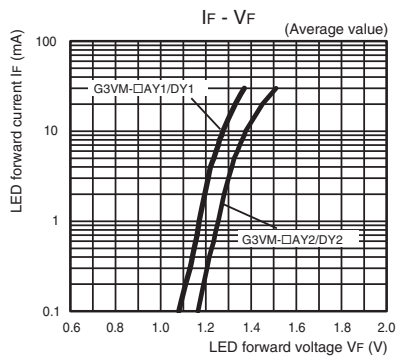
Spacing and Insulation

Standard Type, High Temperature Type

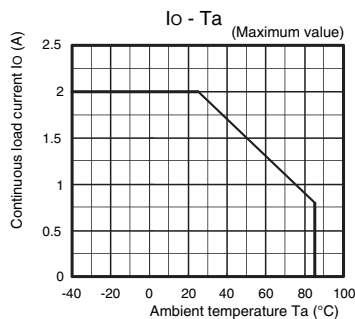
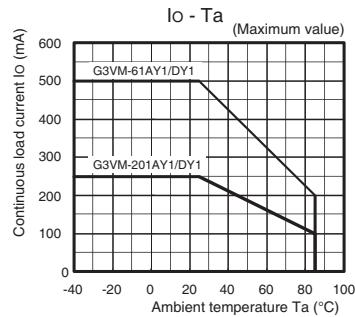
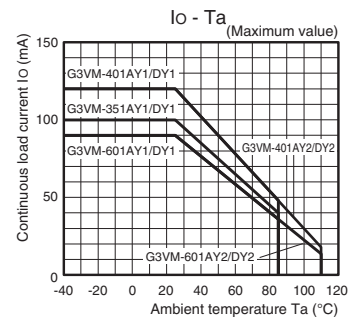
| Item                         |         | Standard | Unit |
|------------------------------|---------|----------|------|
| Creepage distances           | Minimum | 7.0      | mm   |
| Clearance distances          | Minimum | 7.0      |      |
| Internal isolation thickness | Minimum | 0.4      |      |

DIP  
G3VM-  
□AY□/  
□DY□

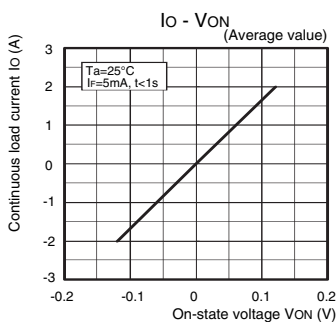
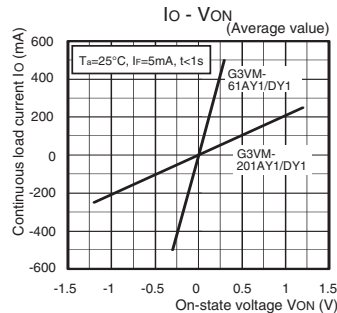
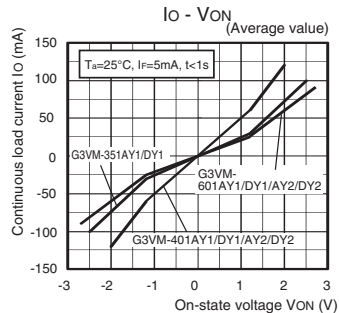
## Engineering Data

●LED forward current vs.  
Ambient temperature●LED forward current vs.  
LED forward voltage●Continuous load current vs.  
Ambient temperature

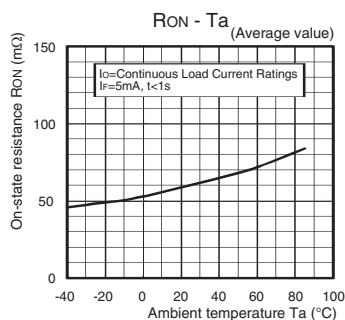
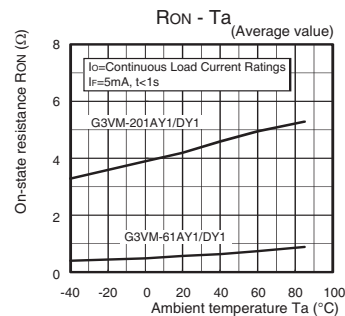
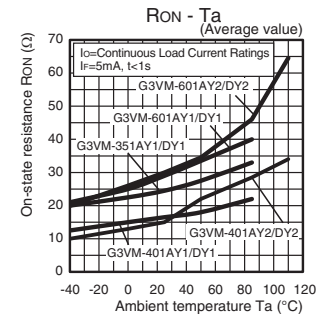
G3VM-41AY1/DY1

G3VM-61AY1/DY1  
G3VM-201AY1/DY1G3VM-351AY1/DY1  
G3VM-401AY1/DY1/AY2/DY2  
G3VM-601AY1/DY1/AY2/DY2●Continuous load current vs.  
On-state voltage

G3VM-41AY1/DY1

G3VM-61AY1/DY1  
G3VM-201AY1/DY1G3VM-351AY1/DY1  
G3VM-401AY1/DY1/AY2/DY2  
G3VM-601AY1/DY1/AY2/DY2●On-state resistance vs.  
Ambient temperature

G3VM-41AY1/DY1

G3VM-61AY1/DY1  
G3VM-201AY1/DY1G3VM-351AY1/DY1  
G3VM-401AY1/DY1/AY2/DY2  
G3VM-601AY1/DY1/AY2/DY2

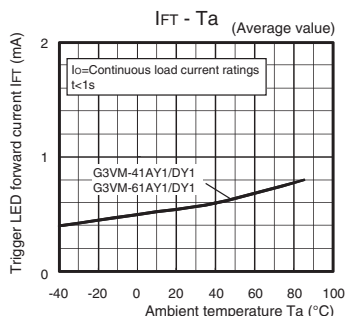
## Engineering Data

### ●Trigger LED forward current vs.

#### Ambient temperature

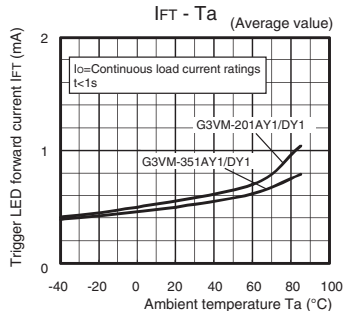
G3VM-41AY1/DY1

G3VM-61AY1/DY1



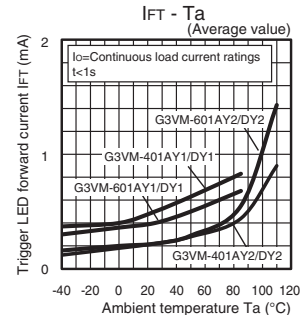
G3VM-201AY1/DY1

G3VM-351AY1/DY1



G3VM-401AY1/DY1/DY2

G3VM-601AY1/DY1/DY2

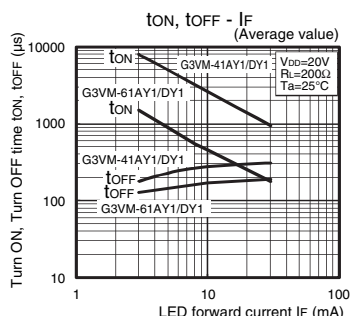


### ●Turn ON, Turn OFF time vs.

#### LED forward current

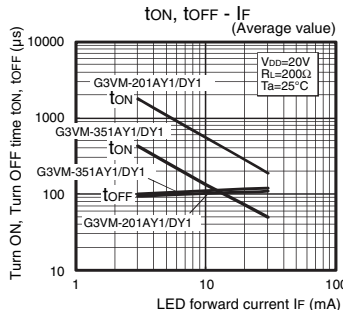
G3VM-41AY1/DY1

G3VM-61AY1/DY1



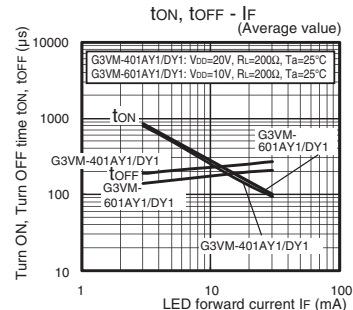
G3VM-201AY1/DY1

G3VM-351AY1/DY1



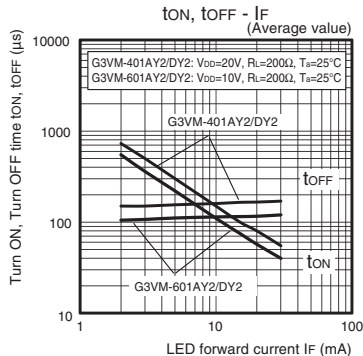
G3VM-401AY1/DY1

G3VM-601AY1/DY1



G3VM-401AY2/DY2

G3VM-601AY2/DY2

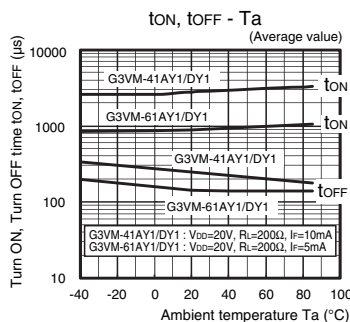


### ●Turn ON, Turn OFF time vs.

#### Ambient temperature

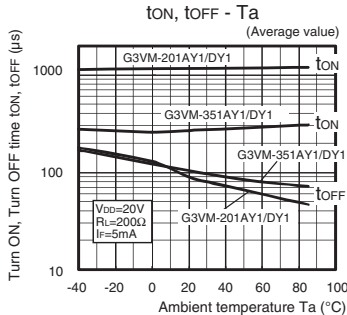
G3VM-41AY1/DY1

G3VM-61AY1/DY1



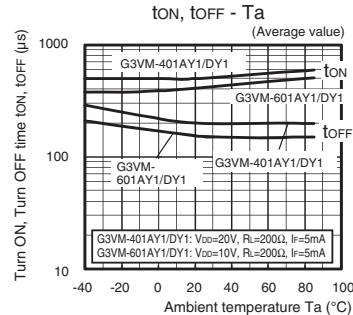
G3VM-201AY1/DY1

G3VM-351AY1/DY1



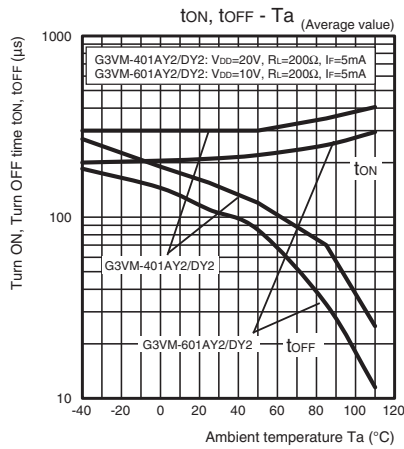
G3VM-401AY1/DY1

G3VM-601AY1/DY1

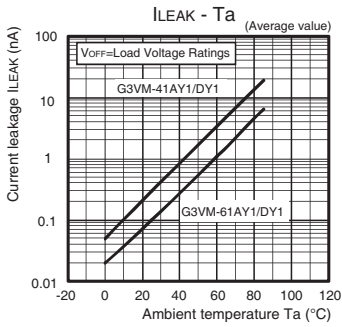


Engineering Data

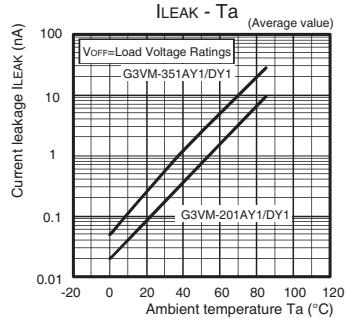
●Turn ON, Turn OFF time vs.  
Ambient temperature  
G3VM-401AY2/DY2  
G3VM-601AY2/DY2



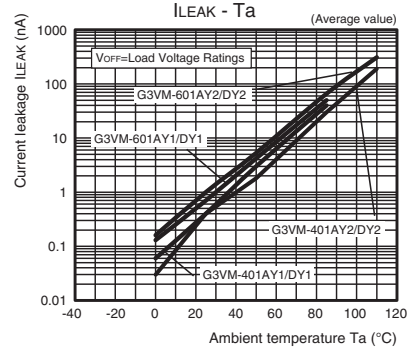
●Current leakage vs.  
Ambient temperature  
G3VM-41AY1/DY1  
G3VM-61AY1/DY1



G3VM-201AY1/DY1  
G3VM-351AY1/DY1



G3VM-401AY1/DY1/AY2/DY2  
G3VM-601AY1/DY1/AY2/DY2

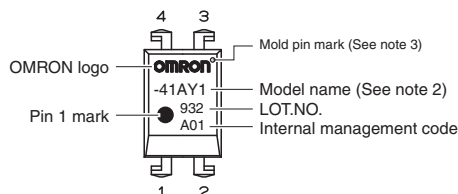


## ■Apperance/Terminal Arrangement/Internal Connections

### ■Apperance

DIP (Dual Inline Package)

DIP4

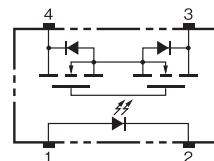


Note 1. The actual product is marked differently from the image shown here.

Note 2. "G3VM" does not appear in the model number on the relay.

Note 3. The indentation in the corner diagonally opposite from the pin 1 mark is from a pin on the mold.

### ■ Terminal Arrangement/Internal Connections

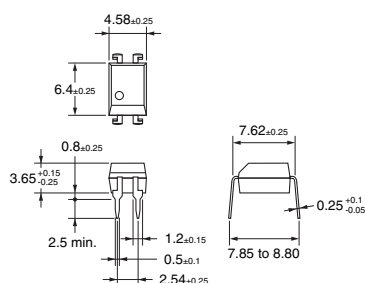


## ■Dimensions (Unit: mm)



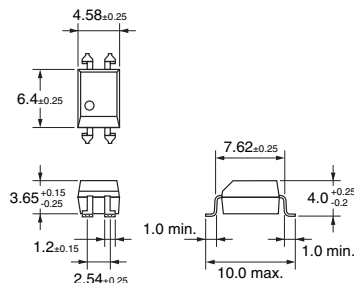
### PCB Terminals

Weight: 0.25 g

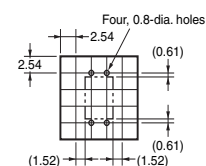


### Surface-mounting Terminals

Weight: 0.25 g

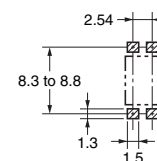


### PCB Dimensions (BOTTOM VIEW)



### Actual Mounting Pad Dimensions

(Recommended Value, TOP VIEW)



Note: The actual product is marked differently from the image shown here.

## ■Approved Standards

UL recognized

### ●Standard Type, High Temperature Type

| Approved Standards | Contact form    | File No. |
|--------------------|-----------------|----------|
| UL recognized      | 1a<br>(SPST-NO) | E80555   |

## ■Safety Precautions

- Refer to "Common Precautions" for all G3VM models.

Please check each region's Terms & Conditions by region website.

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