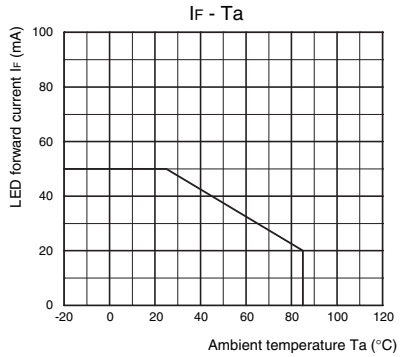
■ Recommended Operating Conditions

Use the G3VM under the following conditions so that the Relay will operate properly.

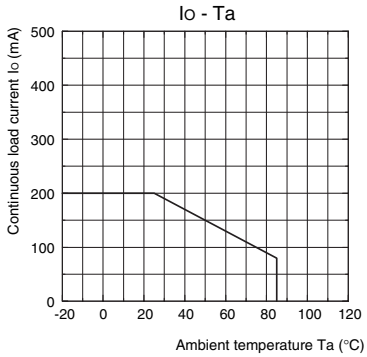
Item	Symbol	Minimum	Typical	Maximum	Unit
Load voltage (AC peak/DC)	V_{DD}	-	-	64	V
Operating LED forward current	I_F	5	-	30	mA
Continuous load current (AC peak/DC)	I_O	-	-	200	mA
Ambient operating temperature	Ta	25	-	60	°C

■ Engineering Data

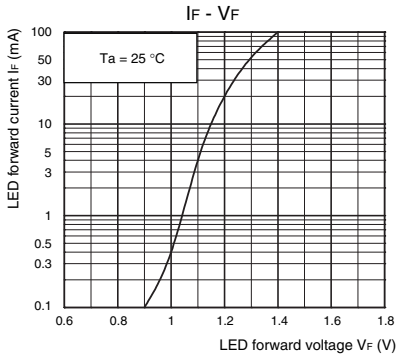
LED forward current vs. Ambient temperature



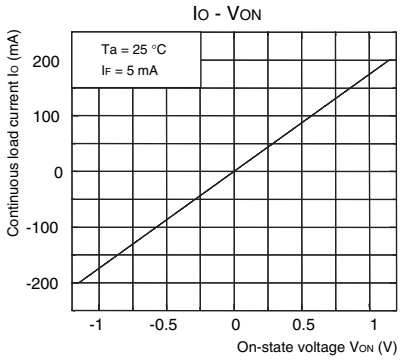
Continuous load current vs. Ambient temperature



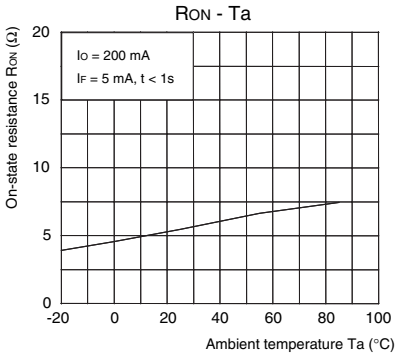
LED forward current vs. LED forward voltage



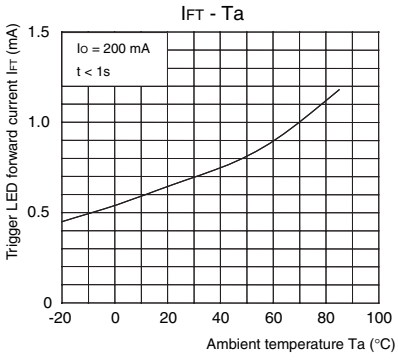
Continuous load current vs. On-state voltage



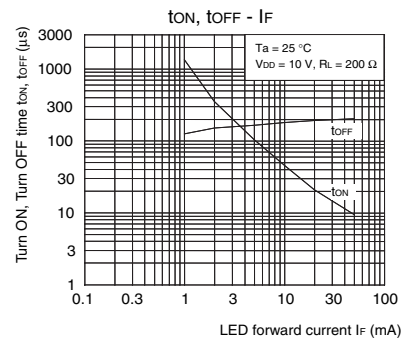
On-state resistance vs. Ambient temperature



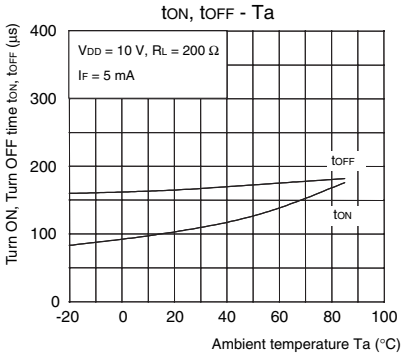
Trigger LED forward current vs. Ambient temperature



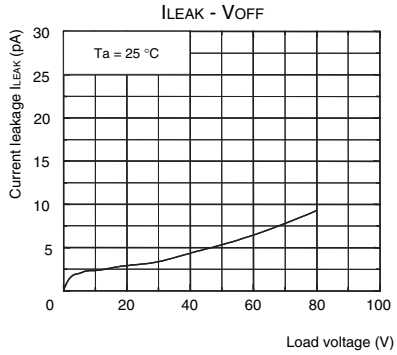
Turn ON, Turn OFF time vs. LED forward current



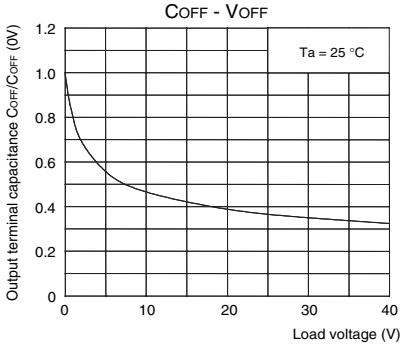
Turn ON, Turn OFF time vs. Ambient temperature



Current leakage vs. Load voltage



Output terminal capacitance vs. Load voltage



■ Safety Precautions

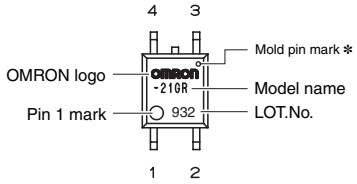
- Refer to **"Common Precautions"** for all G3VM models.

Appearance/Dimensions SOP4 type

■ Appearance

SOP (Small Outline Package)

SOP4

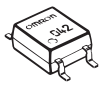


Note: The actual product is marked differently from the image shown here.

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

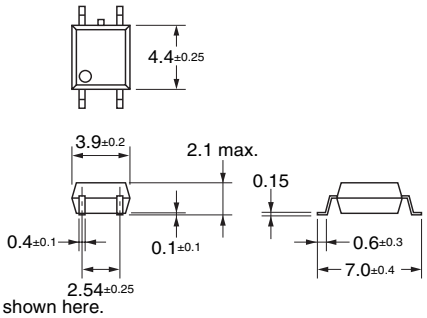
■ Dimensions

(Unit: mm)



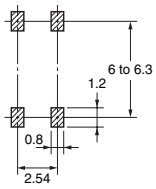
Surface-mounting Terminals

Weight: 0.1 g



Actual Mounting Pad Dimensions

(Recommended Value, TOP VIEW)



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

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