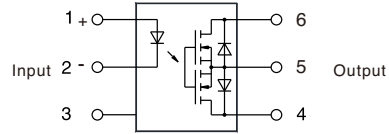
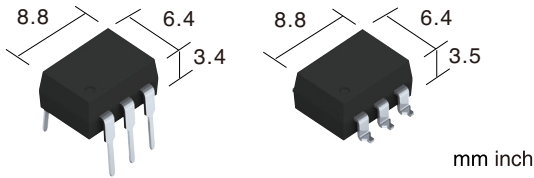


GU HA HV HS LR RF
ME01/MY01
 100V/3.0A | DIP6/SMD6



FEATURES

- 1. Continuous load current: Max. 3.0A high capacity
- 2. Low on resistance: Typ. 42mΩ
- 3. Broad lineup of high capacity types

APPLICATIONS

- Security equipment
- Fire-preventing system
- Industrial machine
- Thermostat (HVAC temperature controller)

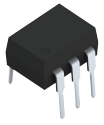
ABSOLUTE MAXIMUM RATINGS (AMBIENT TEMPERATURE : 25 °C)

ITEM	SYMBOL	VALUE	UNITS	REMARKS
INPUT	Continuous Led Current	IF	50	mA
	Peak Led Current	IFP	500	mA f= 100Hz,duty= 1%
	Led Reverse Voltage	VR	5	V
	Input Power Dissipation	PIN	75	mW
OUTPUT	Load Voltage	VL	100	V (AC peak or DC)
	Load Current	IL	3000	mA
	Peak Load Current	IPEAK	6000	mA 1ms(1 pulse)
	Output Power Dissipation	POUT	500	mW
Total Power Dissipation	PT	550	mW	
I/O Breakdown Voltage	V _{I/O}	3750	Vrms	RH = 60%,1min
I/O Breakdown Voltage (HV)	V _{I/O}	5000	Vrms	RH = 60%,1min
Operating Temperature	T _{OPR}	-40 to +85	°C	
Storage Temperature	T _{STG}	-40 to +100	°C	

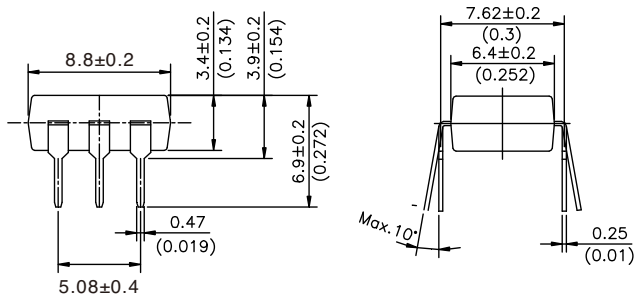
ELECTRICAL SPECIFICATION

ITEM	SYMBOL	VALUE	UNITS	CONDITIONS
INPUT	LED Operate Current	TYP.	1.1	mA
		MAX.	2	mA
	LED Turn Off Current	MIN.	0.3	mA
		TYP.	0.9	mA
LED Dropout Voltage	TYP.	1.3	V	
	MAX.	3.0	V	
OUTPUT	On-resistance	TYP.	0.042	Ω
		MAX.	0.055	Ω
	Off-state Leakage Current	MAX.	100	nA
Output Capacitance	TYP.	400	pF	
TRANSMISSION	Turn-on Time	TYP.	0.8	ms
		MAX.	5.0	ms
	Turn-off Time	TYP.	0.1	ms
		MAX.	1.0	ms
COUPLED	I/O Isolation Resistance	MIN.	10 ⁹	Ω
	I/O Capacitance	MAX.	1.3	pF

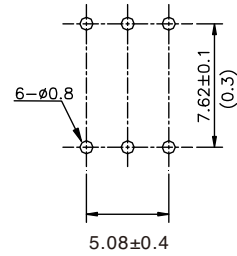
DIMENSIONS



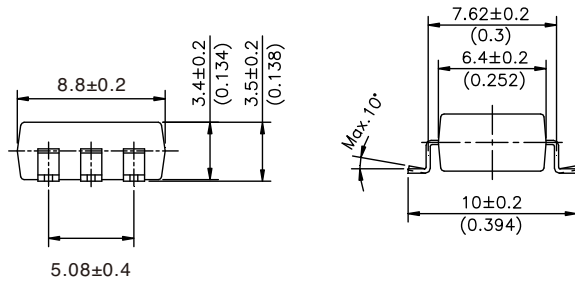
DIP6



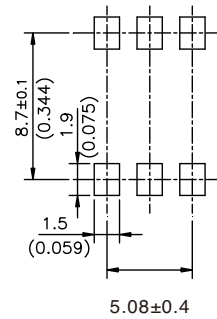
P.C.B. LAYOUT (TOP VIEW)



SMD6



P.C.B. LAYOUT (TOP VIEW)



Tape Form and Dimensions

→ Direction of Feed

