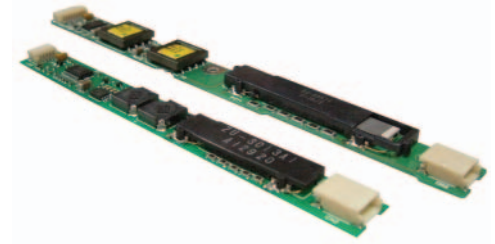


# Piezoelectric Inverters

- Low Power Consumption IC
- Low Distortion, Sine wave output
- Non-Flammable Material
- Use of High Efficiency Piezoelectric transformer
- Current Dependent Fuse is incorporated

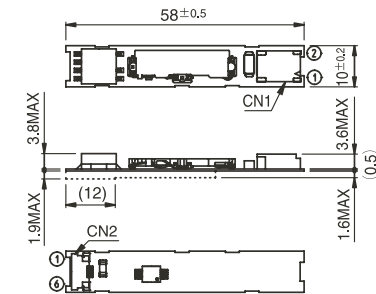


Contact Tamura for Custom Designs

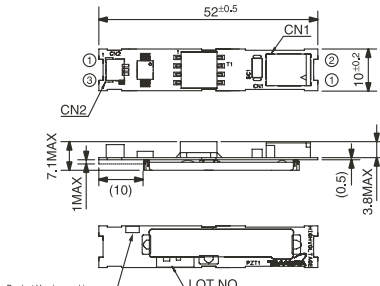
Part #	Input Voltage (V)	Output Current (mA <sub>rms</sub> )	Output Power (w)	Driver Frequency (kHz)	Open-end Voltage (V <sub>rms</sub> )	Light Regulation Method	Operating Temp Range (°C)	Preserving Temp Range (°C)
HBL-0268	3.0~5.5	1.4	0.5	160	900 Min.	PWM Dimming	0~+50	-20~+70
HBL-0269	3.0~5.5	1.4	0.5	100	1100 Min.	PWM Dimming	0~+50	-20~+70
HBL-0270	3.0~5.5	2.0	0.65	160	900 Min.	PWM Dimming	0~+50	-20~+70
HBL-0244	4.5~5.5	6.0	2.2	100	1000 Min.	Current Dimming	0~+50	-20~+70
HBL-0293	4.5~5.5	5.0	2.9	57	1300 Min.	Burst Dimming	0~+50	-20~+70

## Mechanical Dimensions

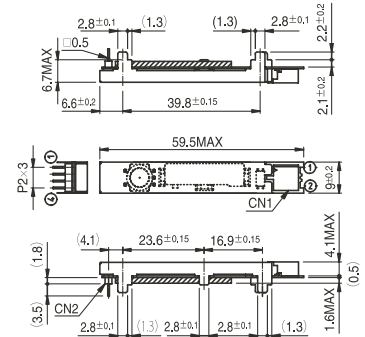
All dimensions are typical, please contact Tamura for tolerances and suggested layout information.



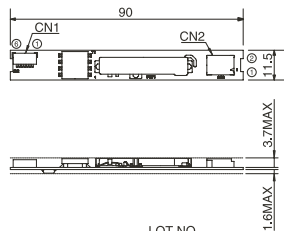
CN1 : SM02B-BHSS-1(JST) CN2 : 04-6239-006-001--800 (KYOCERA ELCO)  
 1 : HOT  
 2 : COLD  
 1 : VIN  
 2 : VIN  
 3 : ON/OFF  
 4 : GND  
 5 : GND  
 6 : GND



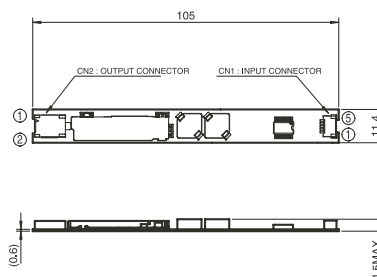
Product Version marking area (HBL-0269 : blank)  
 LOT NO.  
 CN1 : SM02B-BHSS-1(JST)  
 1 : HOT  
 2 : COLD  
 CN2 : SM03B-SRSS(JST)  
 1 : VIN  
 2 : ON/OFF  
 3 : GND



CN1 : HV-2P-HF(JAE) CN2 : A4B-4PA-2DSA(HRS)  
 1 : HIGH  
 2 : LOW  
 1 : NC  
 2 : Vin  
 3 : ON/OFF  
 4 : GND



CN1 : INPUT CONNECTOR SM07B-SRSS(JST)  
 1 : VIN  
 2 : VIN  
 3 : NC  
 4 : ON/OFF  
 5 : VR(0~10)k Ω  
 6 : GND  
 7 : GND  
 CNS : OUTPUT CONNECTOR SM02B-BHSS-1(JST)  
 1 : HOT  
 2 : COLD



CN1 : SM05B-SRSS-TB (JST)  
 1 : VIN  
 2 : VIN  
 3 : ON/OFF  
 4 : GND  
 5 : GND  
 CN2 : SM02B-BHSS-1-TB (JST)  
 1 : HOT  
 2 : COLD

## TAMURA CORPORATION

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