

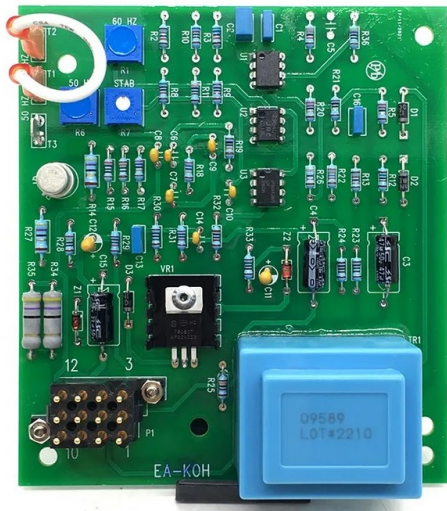
# EA-KOH

## Self Excited Automatic Voltage Regulator

Compatible with KOHLER infrared photo coupler C-255670 regulator

### Features

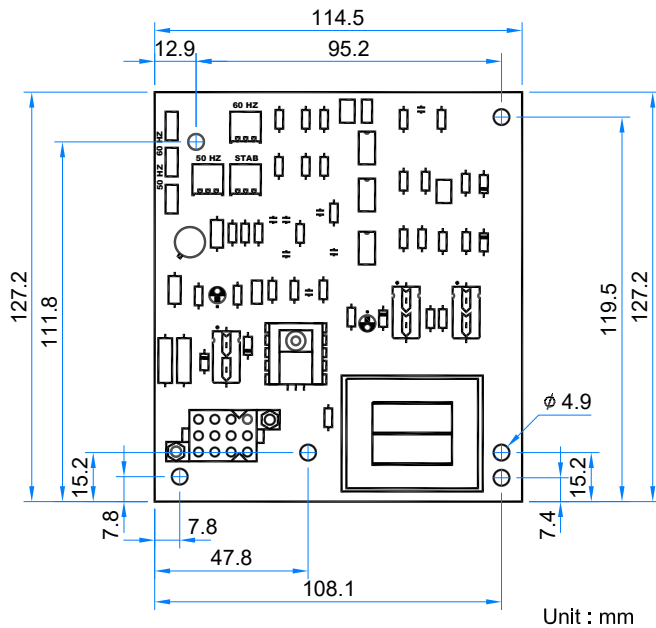
- Voltage regulation less than +/-1%
- Drive infrared LED to control excitation
- 50/60 Hz optional
- Under frequency protection
- Adjustable stability
- External voltage trimmer applicable



### Specifications

<b>Sensing Input</b>	Voltage	220 Vac 1 phase 2 wire	<b>Volts Regulation</b>	Less than +/-1% (with 4% engine governing)
	Frequency	50/60 Hz select by jumper	<b>Static Power Dissipation</b>	Max. 2 watts
<b>Power Input</b>	Voltage	10 to 26 Vdc	<b>Voltage Thermal Drift</b>	0.05% per °C change in AVR ambient
<b>Output</b>	Current	20 mA	<b>Under Frequency Protection (Factory Presets)</b>	
<b>External Voltage Adjustment</b>	+/-10% @ 1K ohm 1 watt potentiometer		50 Hz system presets knee point at 45 Hz	
			60 Hz system presets knee point at 55 Hz	

### Dimensions



### AVR Control Functions

**STAB** Stability adjustment

### Environment

<b>Operating Temperature</b>	-40 to +60 °C
<b>Storage Temperature</b>	-40 to +80 °C
<b>Relative Humidity</b>	Max. 95%
<b>Vibration</b>	3.3 Gs @ 100 to 2K Hz

### Physical Specifications

<b>Dimensions</b>	127.2 (L) x 114.5 (W) x 39.0 (H) mm
<b>Weight</b>	109 g +/-2%