PRODUCT DATA SHEET
GH5530

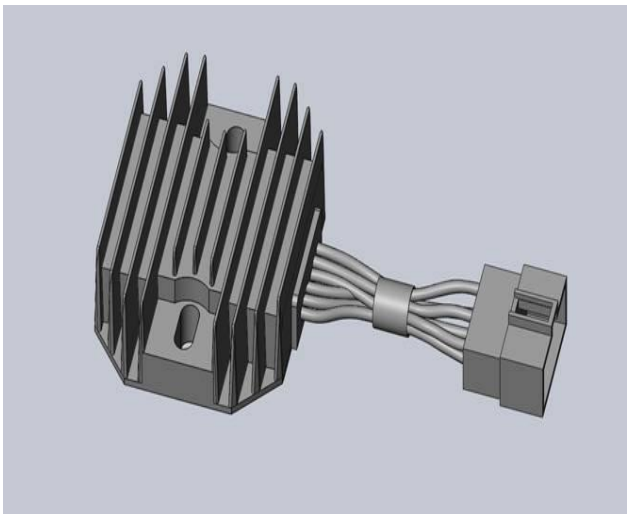
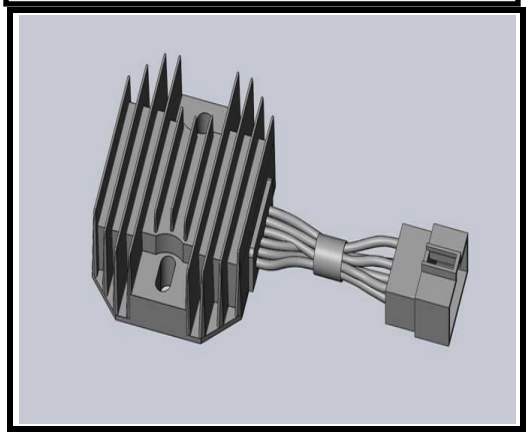


Figure 1

REVISIONS				
REV	ECO #	DESCRIPTION	DATE	APPVD
0	N/A	Initial Release (TW 2018/12/25)	2018/12/25	Terry.Guo

	ORIGINATOR	MECHANICAL ENGINEER	ELECTRICAL ENGINEER	MARKETING	APPROVED ENGINEERING
NAME	Tom	Avin	Tom		Terry
DATE	2018/12/25	2018/12/25	2018/12/25		2018/12/25

GH5530
TRANSPO REGULATOR



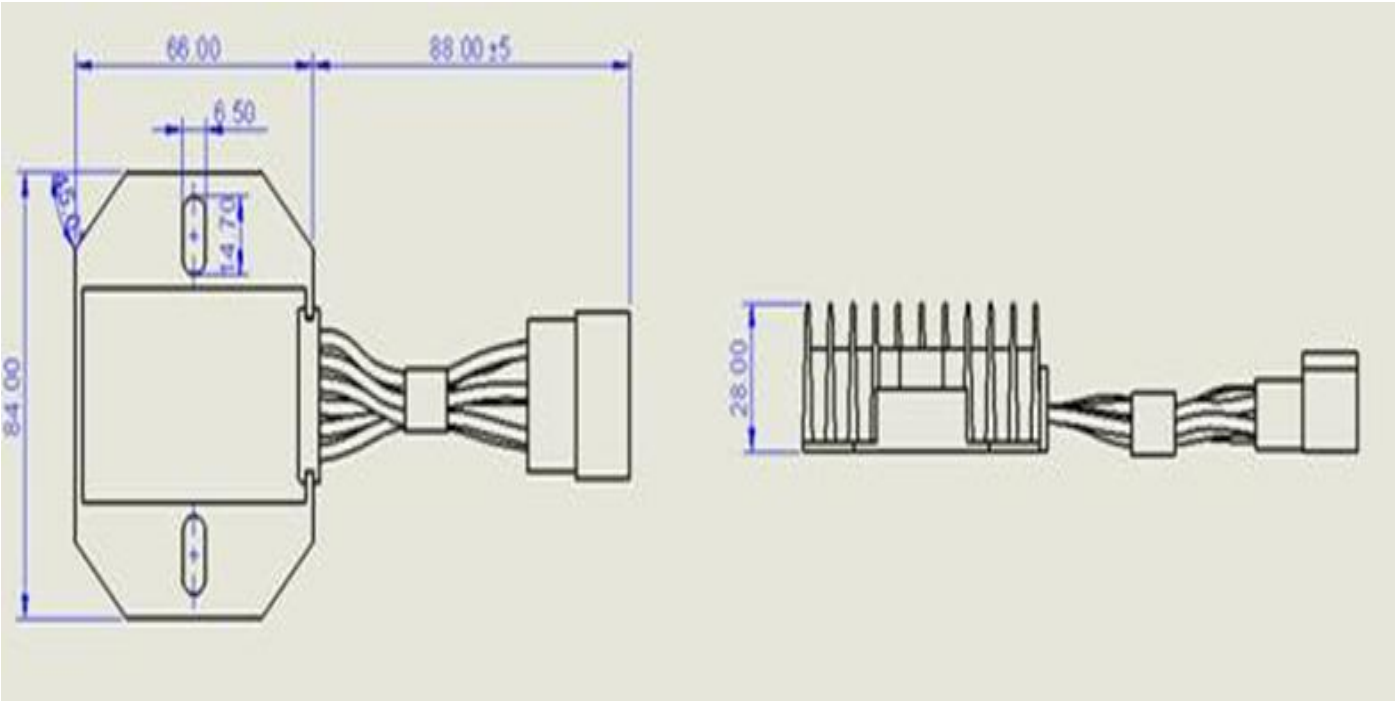
REGULATOR FOR MOTORCYCLE

The GH5530 functions to keep the battery at full charge, by maintaining the proper output of the alternator under changing load conditions and varying speeds.

KEY FEATURES

- Ceramic Hybrid construction.
- Voltage Setpoint is 14.6 ± 0.2 Volts.
- 2 Phase bridge rectifiter.

1.0 MECHANICAL CHARACTERISTICS



ALL DIMENSIONS ARE IN mm AND FOR REFERENCE ONLY
Figure 2

2.0 Pinouts

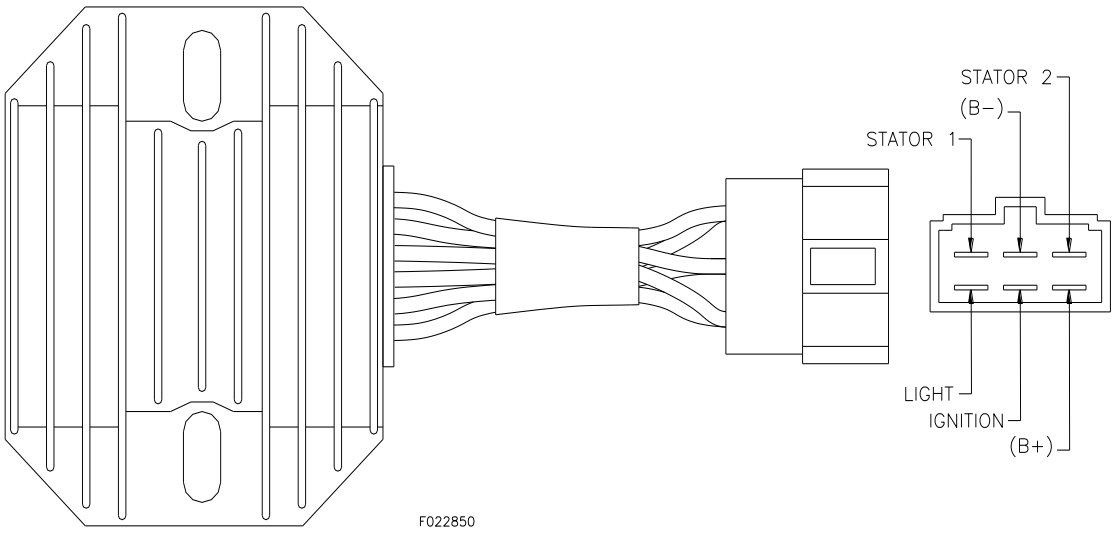


Figure 3

3.0 Summary

PARAMETERS AND CONDITIONS	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Operating Temperature Range	T_{OP}	-40	---	125	°C
Voltage Set Point (4000 RPM with no load)	V_{SET}	14.40	14.60	14.80	V
Rectifier Peak Repetitive Reverse Voltage (per phase)	V_{RRM}	---	---	200	V
Standby Current Drain	I_D	---	0.8	---	mA
SCR, Average Rectified Forward Current (Resistive Load, 60Hz, 25 °C)	I_o	---	---	22	A
Temperature Coefficient	T. C	---	---	---	mv/°C