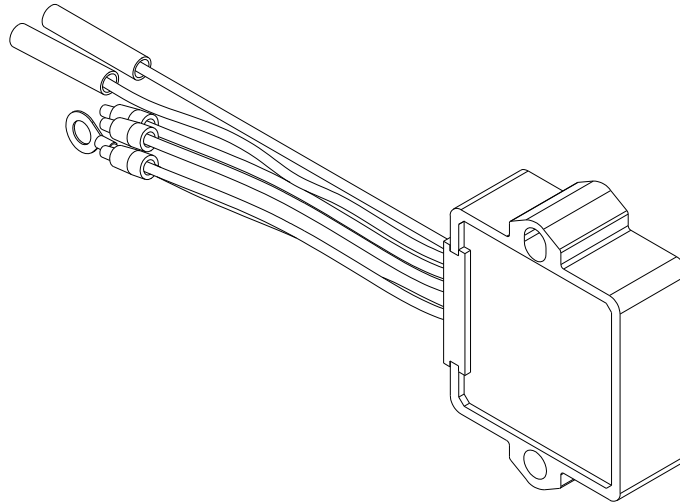


**PRODUCT DATA SHEET**

**TRR3072**



**Figure 1**

REVISIONS				
REV	ECO #	DESCRIPTION	DATE	APPVD
0	N/A	Initial Release (ES 2008/8/7)	08/08/08	NTR

	ORIGINATOR	MECHANICAL ENGINEER	ELECTRICAL ENGINEER	MARKETING	APPROVED ENGINEERING
NAME	ES	Ray S	Gem	Hej	NTR
DATE	2008/8/7	08/08/08	08/08/08	08/08/08	08/08/08

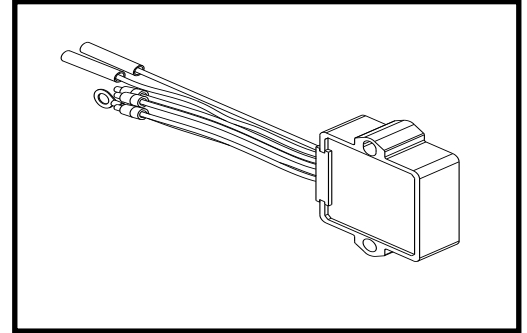
## TRANSPO RECTIFIER REGULATOR

The TRR3072 functions to keep the battery at full charge, by maintaining the proper output of the generator under changing load conditions and varying speeds.

### KEY FEATURES

- T-Clad Hybrid construction
- Series type Rectifier/Regulator
- Marine engine application
- TACH output

## TRR3072 TRANSPO RECTIFIER REGULATOR



### 1.0 MECHANICAL CHARACTERISTICS

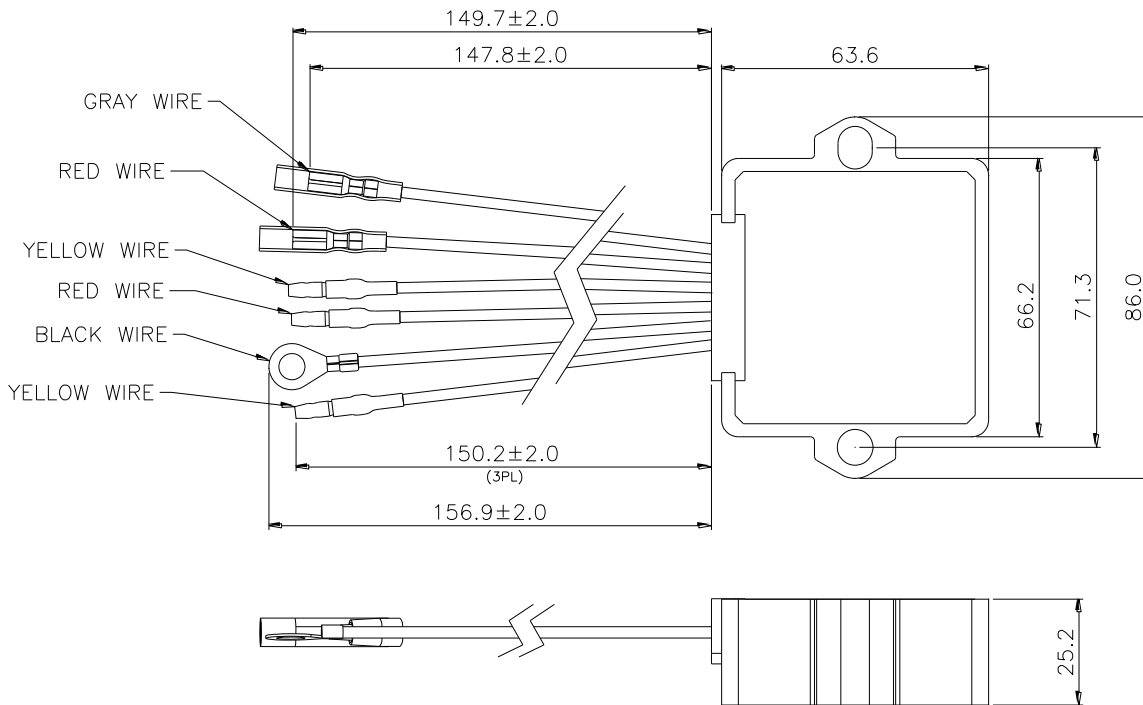


Figure 2

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## 2.0 Pinouts

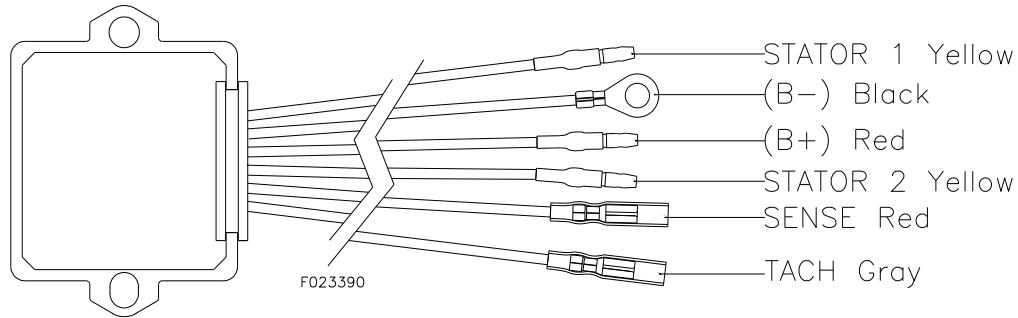


Figure 3

## 3.0 Summary

PARAMETERS AND CONDITIONS	SYMBOL	MIN.	TYP.	MAX.	UNITS
<b>S</b>					
Operating Temperature Range	$T_{OP}$	-40	---	125	°C
Voltage Set Point (4000 RPM with no load)	$V_{SET}$	14.2	14.4	14.6	V
Rectifier Peak Repetitive Reverse Voltage (per phase)	$V_{RRM}$	---	---	200	V
Average Rectified Forward Current (per phase, resistive load, 25°C)	$I_O$	---	---	15	A
Standby Current Drain (Key off, $V_{BAT} = 12.6V$ )	$I_D$	---	1.00	---	mA
Temperature Coefficient	T.C.	---	-10	---	mV/°C

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