PRODUCT DATA SHEET

IN6363

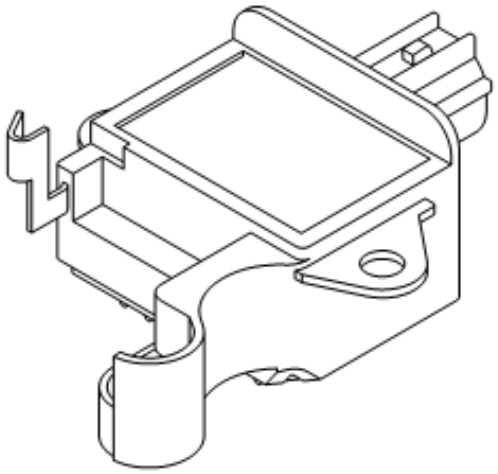


Figure 1

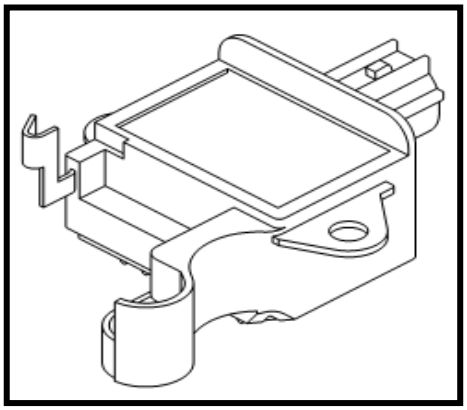
REVISIONS				
REV	ECO #	DESCRIPTION	DATE	APPVD
0		Initial Release	2017/08/30	JZ
A		change wrong description and update	2018/02/13	TW

	ORIGINATOR	MECHANICAL ENGINEER	ELECTRICAL ENGINEER	MARKETING	APPROVED ENGINEERING
NAME		Cham	TW		TG
DATE		02/13/2018	02/13/2018		02/13/2018

REGULATOR FOR DENSO

IN6363
TRANSPO REGULATOR

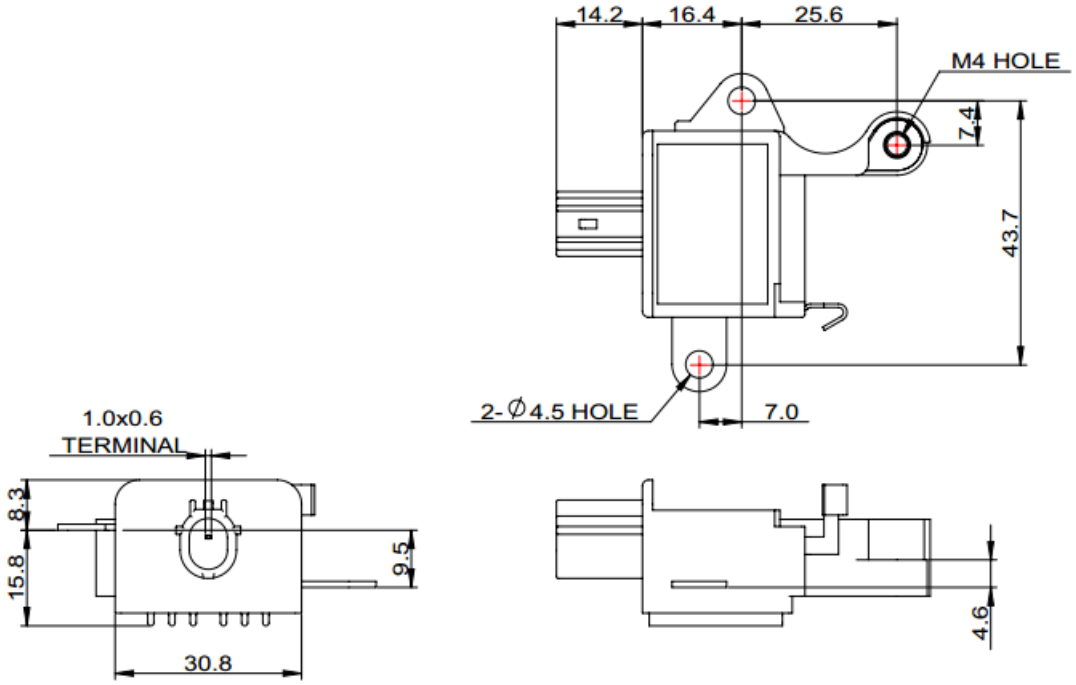
The IN6363 functions to keep the battery at full charge, by maintaining the proper output of the alternator under changing load conditions and varying speeds.



KEY FEATURES

- B-Circuit, High Side Drive
- LIN Terminal Function
- The Field Rating for this Regulator is 5 Amps
- Voltage set point and Regulation Mode is Controlled by Vehicle
- Stator Activated

1.0 MECHANICAL CHARACTERISTICS



All dimensions are in mm and for reference only
Figure 2

2.0 Pinouts

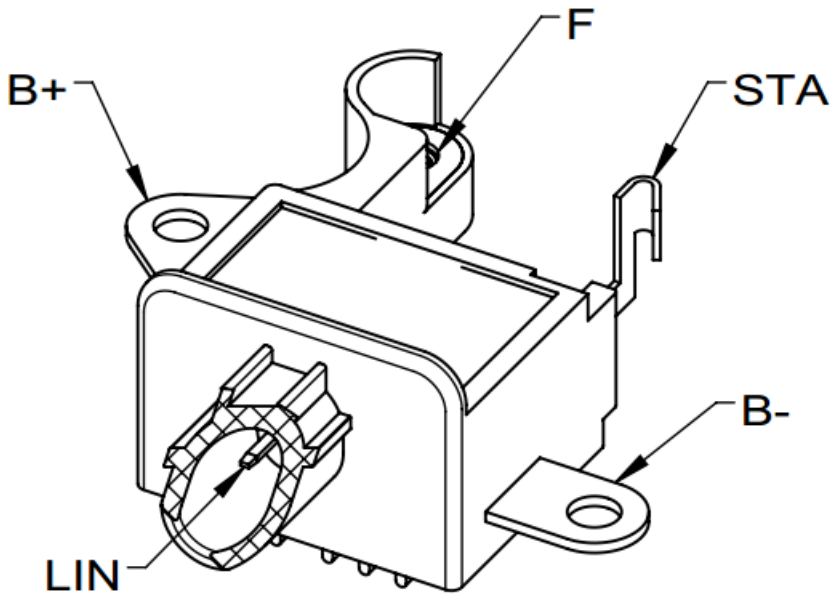


Figure 3

3.0 Summary

PARAMETERS AND CONDITIONS	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Operating Temperature Range	T_{OP}	-40	---	125	°C
Field Current	I_F	---	5	---	A
Voltage Set Point (4000 RPM with 10A load)	V_{SET}	10.7		16	V
Regulation vs. Speed (1500 to 4500 RPM with 10A load)	V_{SPD}	---	-0.1	-0.2	V
Regulation vs. Load (6000 RPM with 10A load to 90% full load)	V_{LOAD}	---	-0.3	-0.6	V
Saturation Voltage @ 5A, 12Volts	V_{SAT}	---	0.6	1.00	V
Standby Current Drain (Key off, V_{BAT} = 12V)	I_D	---	3	5	mA
Temperature Coefficient	T.C.	---	0	---	mV/°C