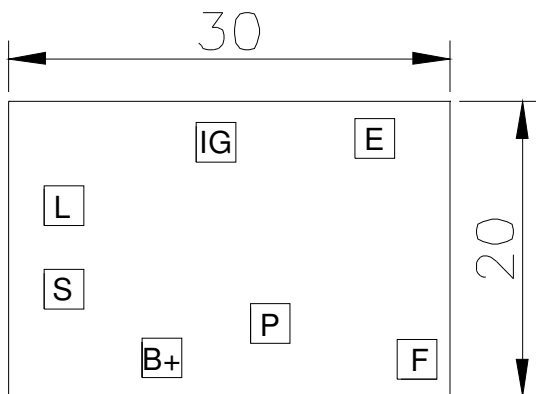


# 文件修訂履歷

文件/圖面名稱		RA02040A Product Data Sheet	文件編號		RA02040A-PDS		
項次	修訂日期	修訂內容	修訂頁次	修訂者	審核	核准	版次
1	2021/7/22	新制訂		陳冠羽	陳本何	陳本何	V01

## 1. Substrate Diagram



## 2. System Regulator Module Features

- Voltage Set Point: 28.1V
- Regulation: A-Circuit
- Ignition Activated
- LED Type

## 3. Safety Features

- Overvoltage Indication
- Sense Open Indication
- Belt Broken Indication

## 4. Electrical Characteristics

PARAMETERS AND CONDITIONS	SYMBOLS	MIN.	TYP.	MAX.	UNITS
Operating Temperature Range	T <sub>OP</sub>	-40	---	125	°C
Field Current	I <sub>F</sub>	---	5	---	A
Default Voltage Set Point (6000 RPM with 10% load)	V <sub>SET</sub>	27.90	28.10	28.30	V
Default Secondary Set Point (6000 RPM with 10% load)	V <sub>SET2</sub>	29.00	29.30	29.60	V
Computer Set Point (3000 RPM with 10% load)	V <sub>SETC</sub>	---	---	---	V
Speed Regulation (2000 to 6000 RPM with 10% load)	V <sub>SR</sub>	---	---	0.3	V
Load Regulation (10% to 90%load @ 6000 RPM)	V <sub>LR</sub>	---	---	0.5	V
Saturation Voltage @ 3A,24Volts	V <sub>SAT</sub>	---	---	0.5	V
Standby Current Drain (Key Off, V <sub>BAT</sub> = 25.0V)	I <sub>SB</sub>	---	---	1	mA
Temperature Coefficient	T <sub>C</sub>	-8	-5	-2	mV/°C