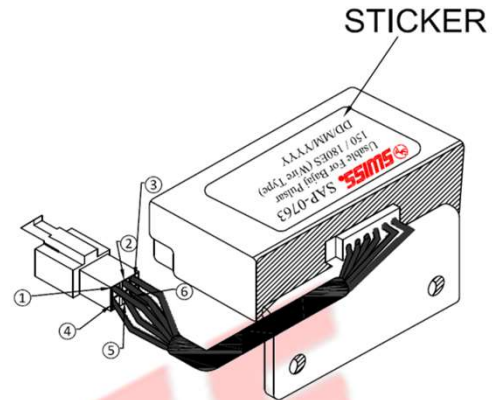


PART No.	SAP-0763	SPECIFICATIONS
PRODUCT	Regulator Rectifier	

Final Product	Connection Details
----------------------	---------------------------



BOX COLOUR	-	BLACK
HEAT SINK COLOUR	-	METALLIC GREY
VTB COLOUR	-	BLACK
EPOXY COLOUR	-	BLACK

CONNECTION DETAILS:-

① BLUE/WHITE	- A.C.(CHARGE)	④ BLACK/YELLOW	- G.N.D.
② BLUE/WHITE	- A.C.(CHARGE)	⑤ YELLOW/RED	- LOAD
③ WHITE	- BATTERY	⑥ YELLOW	- LOAD

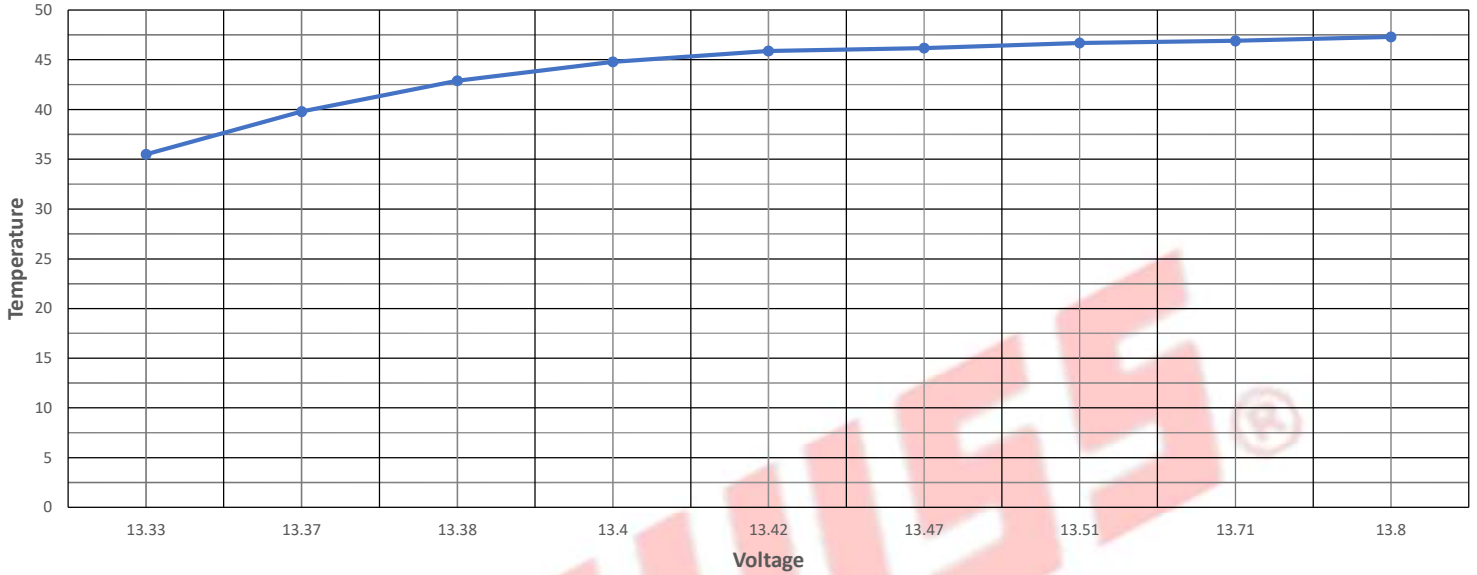
ELECTRICAL SPECIFICATIONS

1	AC Input Voltage	> 230Vpp @9000 RPM
2	AC Input Frequency	< 1KHz (606Hz) @9000 RPM
3	DC Output Current at battery (With 12V/2.5W load)	0.8 ±0.3 Amps. @2200 RPM
4	AC Output Current at regulator (With 12V/35W load)	2.7 ±0.3 Amps. @2200 RPM
5	DC Output Voltage with battery	14.6 VDC @2200 RPM
6	DC Output Voltage in absence of battery	14.8 @9000 RPM
7	AC Output Voltage at regulator (With 12V/35W load)	14.2 VAC @2200 RPM
8	Temperature co-efficient of DC Output Voltage	±1.6mV/°C @2200 RPM (fixed of time interval)
9	SCR Forward Voltage Drop	Max. 1.5V
10	Terminal B & E Leakage Current @ Vb=13V	Max. 100uA
11	Insulation Resistance	100M Ohm
12	Internal Device Allowed Temperature	110°C

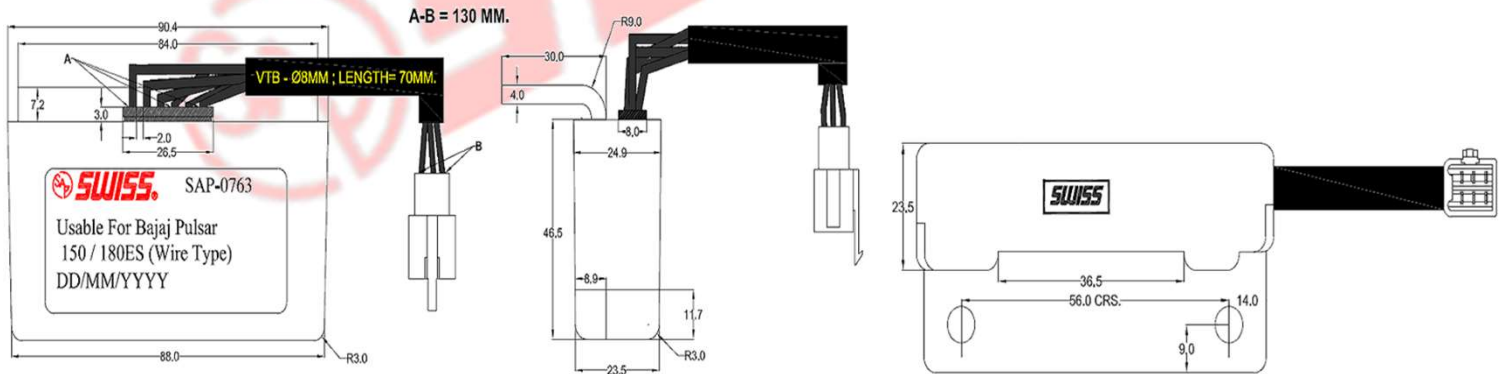
PART No.	SAP-0763	SPECIFICATIONS
PRODUCT	Regulator Rectifier	

PERFORMANCE GRAPHS

Temperature Co-efficient Curve



MECHANICAL DRAWING



MECHANICAL SPECIFICATION

ENCLOSURE	ABS Case filled with epoxy resin
DIMENSION (mm)	L: 46.5, W: 90.4, H: 23.5
WEIGHT	173 gms
OPERATING TEMPERATURE	-40 °C ~ +80 °C