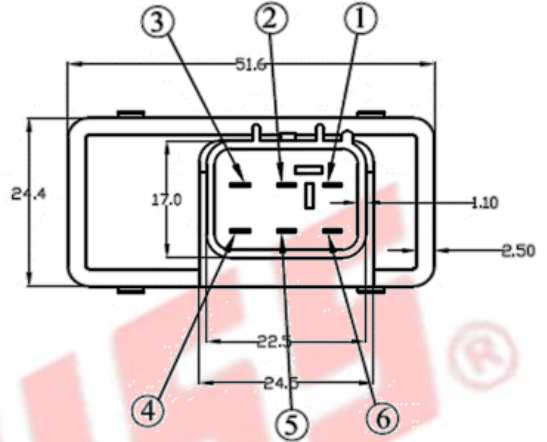


|                 |            |                       |
|-----------------|------------|-----------------------|
| <b>PART No.</b> | SAP-0669DB | <b>SPECIFICATIONS</b> |
| <b>PRODUCT</b>  | C.D.I      |                       |

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



- ① EPOXY COLOUR - BLACK
- ② BOX COLOUR - BLACK



**CONNECTION DETAIL:-**

- ① PULSER I/P
- ② NC
- ③ +12V SUPPLY
- ④ HT/OP
- ⑤ NC
- ⑥ G.N.D

**ELECTRICAL SPECIFICATIONS**

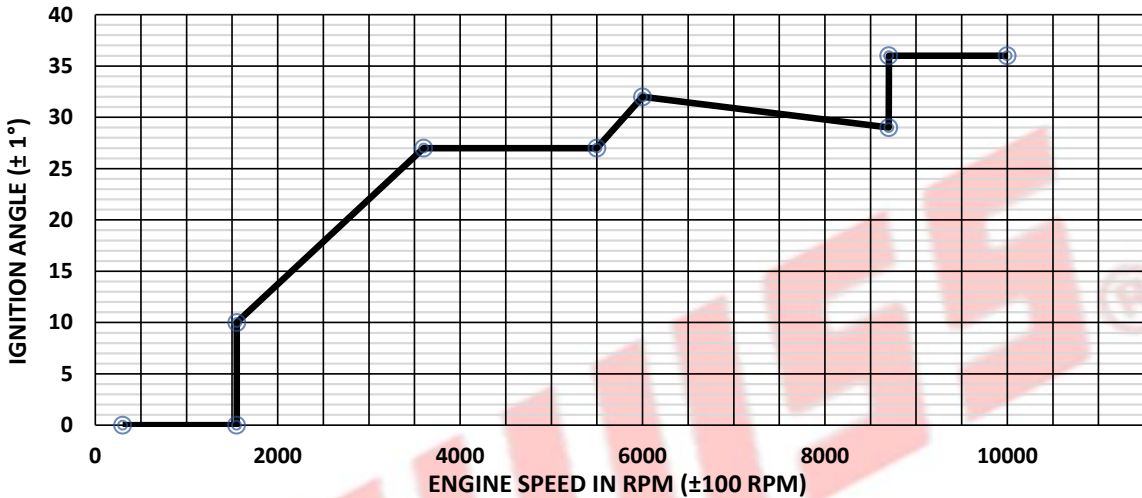
|    |   |                         |
|----|---|-------------------------|
| 1  | Initial Current Without Firing                              | 37 (±3) mA              |
| 2  | Initial Voltage With Firing                                 | 227 (±3) V              |
| 3  | Maximum Current   | 475 (±15) mA            |
| 4  | Voltage @ 9000 RPM  | 127 (±3) V              |
| 5  | Spark Duration  | 18 μs (min) @ 2500 RPM  |
| 6  | Firing Start  | @ 300 RPM               |
| 7  | Condenser Capacity (for Ignition)                           | 2.2μf / 400V            |
| 8  | Max. Angle Change   | 36° (Ref. Timing Curve) |
| 9  | Continous firing upto 10000 RPM                             |                         |
| 10 | Starter self signal cut-off after ignition ON               |                         |
| 11 | In-built Reverse Polarity Battery Protection                |                         |
| 12 | 100% Burn-in for 1 hour with peak load at room temperature. |                         |

|                 |            |
|-----------------|------------|
| <b>PART No.</b> | SAP-0669DB |
| <b>PRODUCT</b>  | C.D.I      |

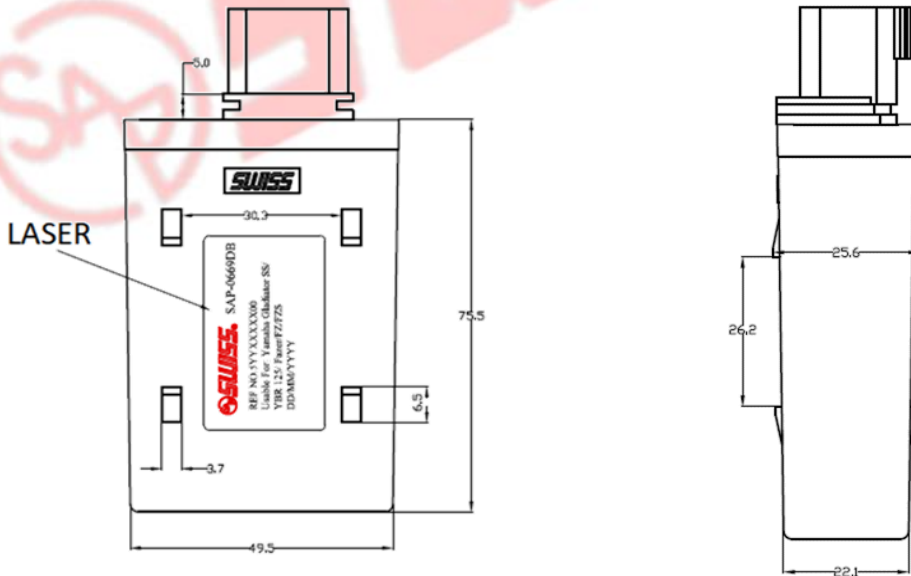
## SPECIFICATIONS

### PERFORMANCE GRAPHS

#### TIMING CURVE



### MECHANICAL DRAWING



### MECHANICAL SPECIFICATION

|  |                           |
|--|---------------------------|
| <b>DIMENSION (mm)</b>                      | L: 75.5, W: 49.5, H: 25.6 |
| <b>Operating Ambient Temperature Range</b> | -40 °C ~ +80 °C           |
| <b>WEIGHT</b>                              | 140 gms                   |