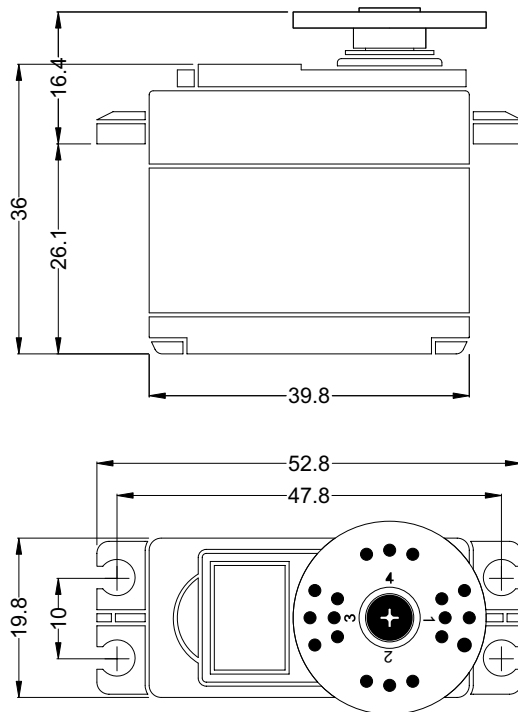


ANNOUNCED SPECIFICATION OF HS-525BB STANDARD PRECISION SERVO

1. TECHNICAL VALUES

| | | |
|-----------------------------|----------------------------------------------|------------------------|
| CONTROL SYSTEM | :+PULSE WIDTH CONTROL 1500usec NEUTRAL | |
| OPERATING VOLTAGE RANGE | :4.8V TO 6.0V | |
| OPERATING TEMPERATURE RANGE | :-20° C TO +60° C | |
| TEST VOLTAGE | :AT 4.8V | AT 6.0V |
| OPERATING SPEED | :0.17sec/60° AT NO LOAD | 0.13sec/60° AT NO LOAD |
| STALL TORQUE | :3.3kg.cm(45.82oz.in) | 4.1kg.cm(56.93oz.in) |
| OPERATING ANGLE | :45°/ONE SIDE PULSE TRAVELING 400usec | |
| DIRECTION | :CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec | |
| CURRENT DRAIN | :8mA/IDLE AND 250mA NO LOAD RUNNING | |
| DEAD BAND WIDTH | :6usec | |
| CONNECTOR WIRE LENGTH | :300mm (11.81in) | |
| DIMENSIONS | :39.8x19.8x36mm(1.56x0.77x1.41in) | |
| WEIGHT | :44.5g(1.56oz) | |



2. FEATURES

- 5-POLE FERRITE MOTOR
- LONG LIFE POTENTIOMETER
- INDIRECT POTENTIOMETER DRIVE
- 1-OILITE BUSHING AND 1-BALL BEARING
- GOLD PLATED CONNECTOR PINS

3. APPLICATIONS

- PRECISION AIRCRAFT SERVO
- STEERING AND THROTTLE SERVO FOR 1/10TH ON-ROAD AND OFF-ROAD VEHICLES