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|                                    |                                             |
|------------------------------------|---------------------------------------------|
| <b>Type</b>                        | Digital                                     |
| <b>Weight</b>                      | 27g±1g                                      |
| <b>Size</b>                        | 30.1*10*35.5mm                              |
| <b>Control System</b>              | (+)Pulse Width Control 1500usec Neutral     |
| <b>Operating Voltage</b>           | 6.0~7.4Volts                                |
| <b>Operating Temperature Range</b> | (-)10 to +50 degree C                       |
| <b>Operating Speed (6.0V)</b>      | 0.12sec/60° at no load                      |
| <b>Operating Speed (7.4V)</b>      | 0.10sec/60° at no load                      |
| <b>Stall Torque (6.0V)</b>         | 3.8kg.cm                                    |
| <b>Stall Torque (7.4V)</b>         | 4.0kg.cm                                    |
| <b>Operating Angle</b>             | 45deg.one side pulse traveling 500 usec     |
| <b>Direction</b>                   | Anticlockwise/Pulse Traveling 1000~2000usec |
| <b>Current Drain (6.0V)</b>        | 20mA/idle and 120mA no load operating       |
| <b>Current Drain (7.4V)</b>        | 20mA/idle and 150mA no load operating       |
| <b>Stall Current</b>               | 1.6A/1.7A                                   |
| <b>Dead Band Width</b>             | 2usec                                       |
| <b>Motor Type</b>                  | Coreless motor                              |
| <b>Bearing Type</b>                | double                                      |
| <b>Horn gear spline</b>            | 21T                                         |
| <b>Gear Type</b>                   | Metal                                       |
| <b>Connector Wire Length</b>       | 180mm ± 5mm                                 |
| <b>Wire info</b>                   | Brown/Black = Negative                      |
|                                    | Red = Positive                              |
|                                    | Orange/White = Signal                       |