



SPECIFICATIONS

ELECTRICAL

- Output voltage: 7 VDC $\pm 5\%$, no load, per 1000 RPM at 25°C
- Internal Resistance: 270 Ohms typical at 25°C.
- Insulation Resistance: 50 Megohms min. between terminals and housing at 500 VDC.
- Ripple: 5% RMS of DC output voltage at speeds over 40 RPM.
- Linearity: 0.1% max., 0 to 4000 RPM.
- Bidirectional Output: 0.5% of nominal output in both CW and CCW.
- Polarity: Red wire positive with CCW rotation viewing shaft end.
- Breakdown Voltage: 500 VAC at 60 Hz between terminals and housing for one second.
- Temperature Coefficient: 0.05 %/°C of nominal output at 25°C from -20°C to +50°C.

RED WIRE
12 INCHES

BLACK WIRE
12 INCHES

ENVIRONMENTAL

- Operating Temperature: -20 to +50°C
- Storage Temperature: -50 to +50°C
- Altitude: 10,000 feet max.

UNLESS OTHERWISE SPECIFIED THESE NOTES APPLY

- TOLERANCES: .XXX $\pm .0005$, .XX $\pm .01$, ANGLE $\pm 0^{\circ}30'$
- SHARP CORNERS AND EDGES BROKEN WITH .005 R OR CHAMFER.

SERVO-TEK PRODUCTS COMPANY
HAWTHORNE, N.J.

MAT'L	HEAT TREAT	PAGE	DWN BY DEB	CHK BY
ORIGINALLY DESIGNED FOR		SCALE 1:1	DATE 02-26-03	DATE
PART NAME OVERHUNG TACHOMETER		DWG. NO. ST-7565A-2	REV. -	

CO#
BY
DATE
SCALE DRAWING
DO NOT