The Model 3311 control is a product of Bourns proven expertise in conductive plastic technology. It delivers excellent linearity, contact resistance variation and rotational life in low cost un-cased configuration.

The 3311 control is designed expressly for integrated radio-control servo applications. It is delivered un-cased for installation inside customer manufactured servo-control modules.

The superior performance of the 3311 contributes significantly to the overall smoothness and accuracy of the servo-control system.

FEATURES

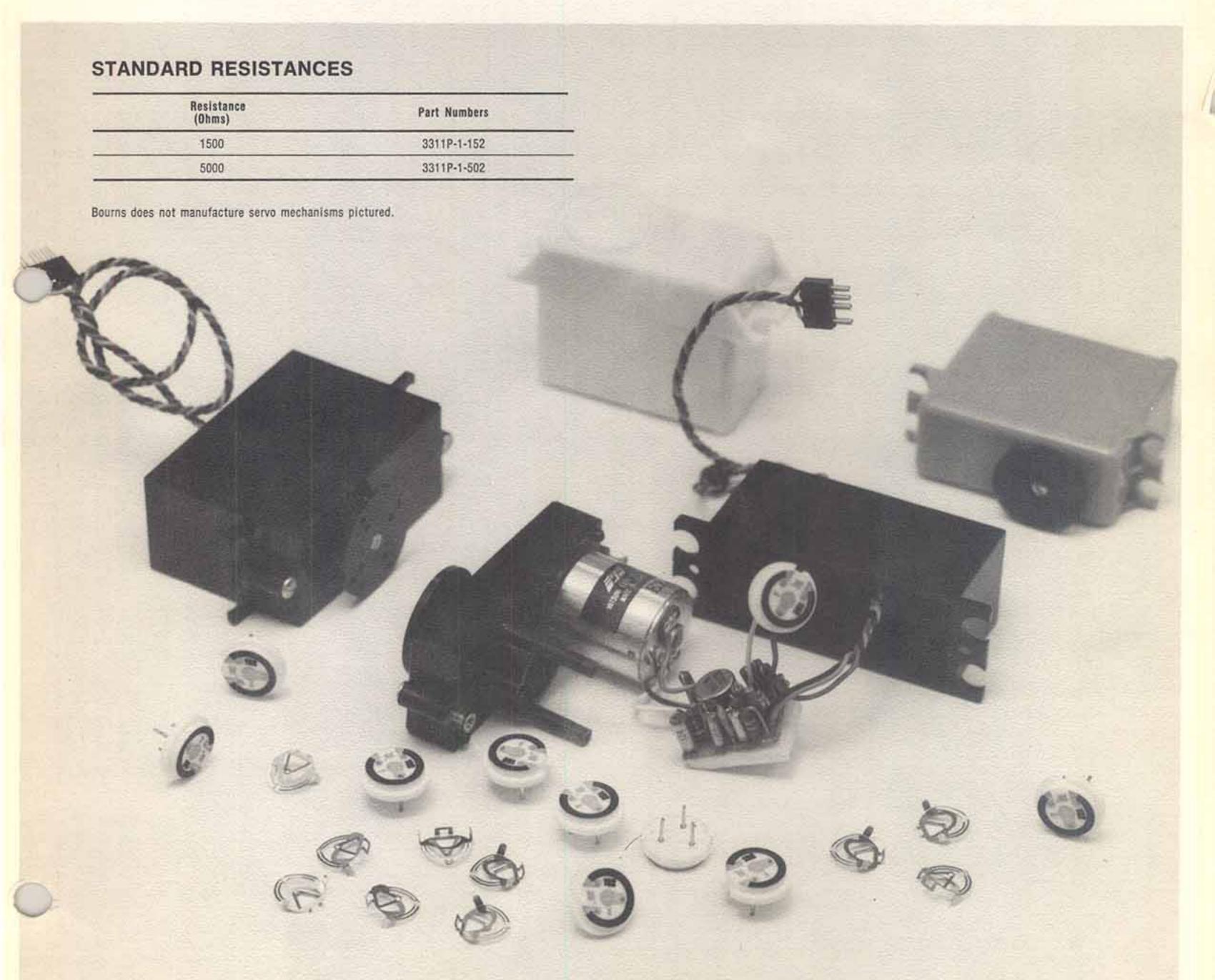
- Independent Linearity ±5%
- Conductive Plastic for improved contact resistance variation 3% max. throughout specified rotational life
- Rotational Life 1.000,000 cycles



MODEL 3311

FOR SERVO ASSEMBLIES





ELECTRICAL CHARACTERISTICS

Standard Resistance Range(other resistance	1500 ohms thru 5000 ohms es available thru 100,000 ohms)
Resistance Tolerance	±15%
Independent Linearity†	±5%
Absolute Min. Resistance	2 ohms
Theoretical Electrical Travel	265° ±5°
Contact Resistance Variation	3% maximum
Resolution	Essentially infinite
Power Rating (300 volts max.)	
50°C	0.25W
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature Range	
Vibration, 20G's	
Shock 50G's	
Contact Bounce, Millisec	0.1%
Load Life	
Rotational Life	
Humidity Le	

*Centerline of rotor to be within .010" of centerline of element retaining cavity.

Note: Customer to apply a thin coat of Bourns lubricant to element and collector during final assembly.

Bourns H-01 lubricant provided at no charge



BASIC PRICES*

500-999 — \$1.00 1000-1999 — \$.85 Samples available on request. Consult factory for volume pricing.

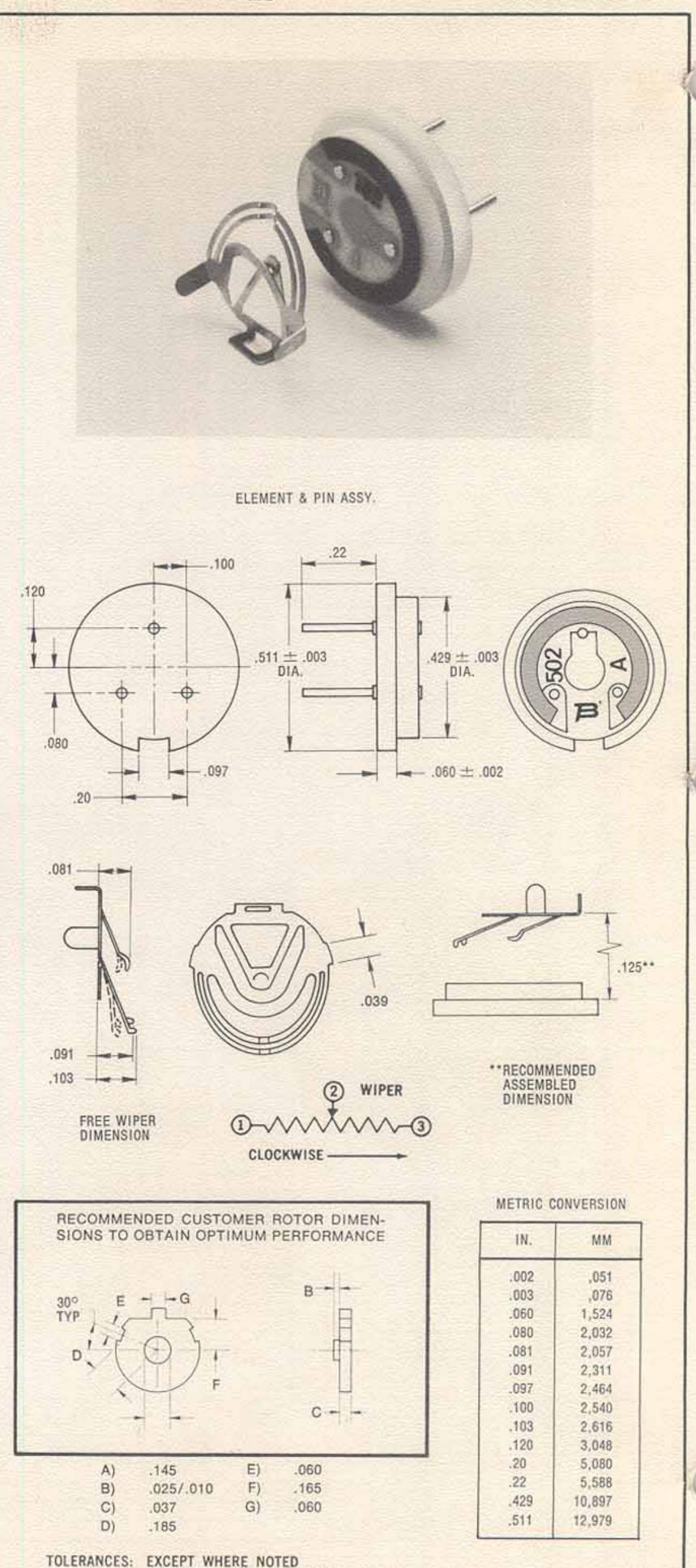
For pricing or information about Bourns many other potentiometer models, contact your local Bourns representative or distributor... or contact the factory direct.



TRIMPOT PRODUCTS DIVISION 1200 COLUMBIA AVENUE RIVERSIDE, CALIFORNIA 92507 PHONE 714 684-1700

POTENTIOMETER AND WIPER FOR SERVO ASSEMBLIES

MODEL 3311



^{*}Bourns reserves the right to change specifications and prices without notice. Prices are stated in U.S. dollars, F.O.B. Riverside, California.

DECIMALS: .XX ± .010, XXX ± .005