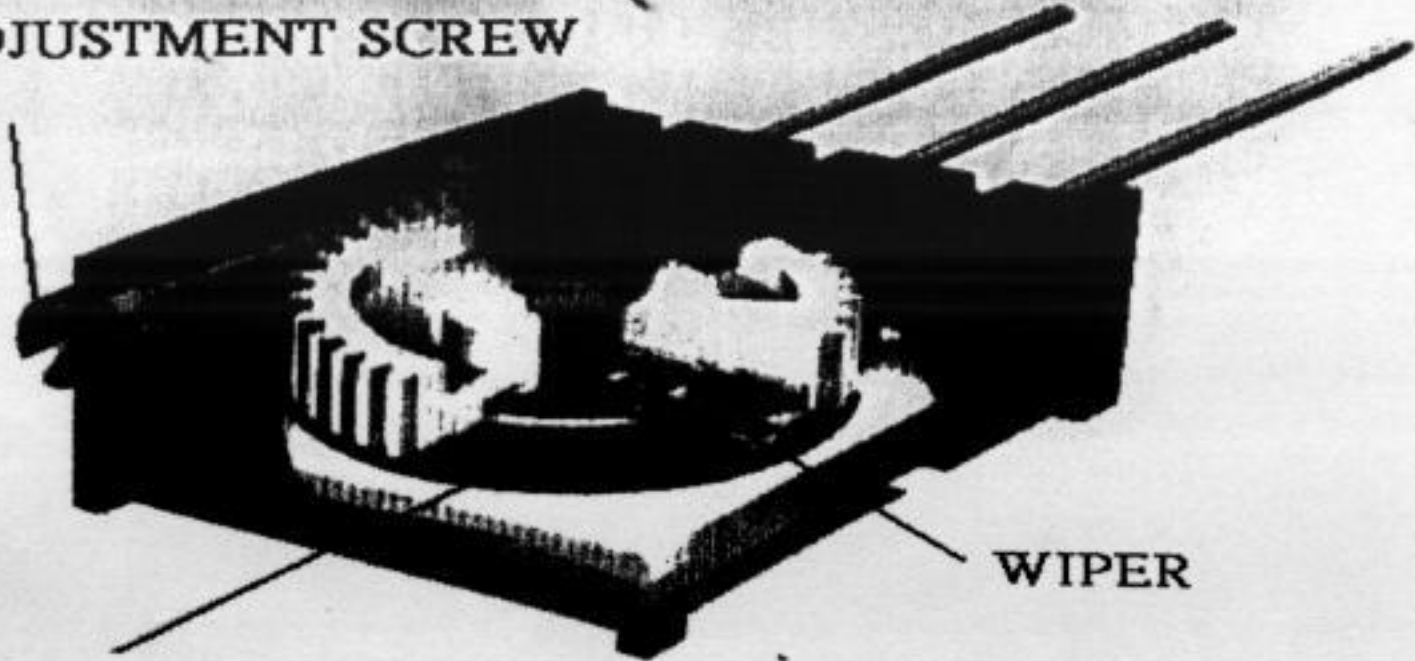


ADJUSTMENT SCREW



3296W



WIPER

RESISTIVE ELEMENT

The 3296W cermet trimmer from Barons incorporates improved design features making it one of the most advanced components of its type available in the world. Giving maximum versatility with a choice of top adjustment. Available from 10 ohms to 2 Mega ohm, the Barons has 25 turns nominal travel and a tolerance of $\pm 10\%$.

Significant design features include the use of two Chevron sealing rings on the shaft, for more consistent torque and improved adjustability and flame retardant housing. A precious metal wiper significantly improves long term stability, making it particularly suitable for telecommunication applications.

ELECTRICAL

- Effective travel:
25 turns nominal
- Resistance range:
10 ohm thru 2 mega ohm
- Resistance tolerance:
 $\pm 10\%$
- End resistance:
Less than 2 ohm
- Temperature coefficient of resistance:
100 ppm / degree C 0.05% of RT
0 to +250 ppm / degree C. below 100 ohm
- Power rating:
0.5 watts at 70 degree C. derated linearly to zero watts at 125 degree C. Maximum voltage not to exceed 300v
- Dielectric withstanding voltage:
450VAC
- Insulation resistance:
100 Mega ohms minimum
- Contact resistance variation:
2% or 20 ohm whichever is greater

MECHANICAL

- Stop:
contact idles at stop
- Operating torque:
35mNm nominal
- Weight:
0.04oz (1.13 grams) maximum
- Resistance element:
Cermet
- 2-terminal adjustability:
0.05% of RT
- 3-terminal adjustability:
0.01% of applied voltage

RESISTANCE VALUES

- Ohms - 10R, 20R, 50R, 100R, 200R, 500R, 1k, 2k, 5k, 10k, 20k, 25k, 50k, 100k, 200k, 250k, 500k, 1M, 2M.

MARKING

Unit identification:
Manufacturer's name and model number, resistance value, tolerance, date code and terminal identification.

BRAND & TYPE	COLOR
BARONS 3296W	BLUE
BOURNS 3296W	BLUE
SPECTROL 64W	YELLOW

