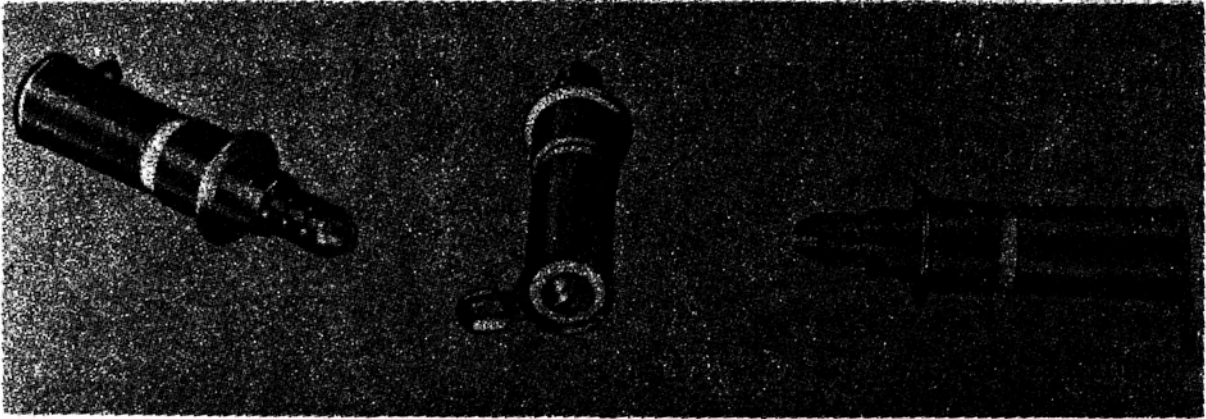


MIDGET TUBULAR CERAMIC TRIMMERS

screw-driver slot at both ends



Capacitance swing
Connections

3 and 6 pF
soldering tags

APPLICATION

These trimmers have been developed for u.h.f./v.h.f. application in radio and television sets, especially in miniaturised equipment.

CONSTRUCTION

A thin ceramic tube, internally ground, fits closely a threaded invar spindle (rotor). This spindle is guided by a U-shaped spring, which is kept in place by a silverplated brass cap. Both ends of the spindle are provided with a screwdriver slot to facilitate adjustment. The stator is a silverplated brass tube; it makes a tight fit with the ceramic tube. The cap, which must be soldered to the chassis, and a soldering tag on the stator enable a reliable connection with the circuit.

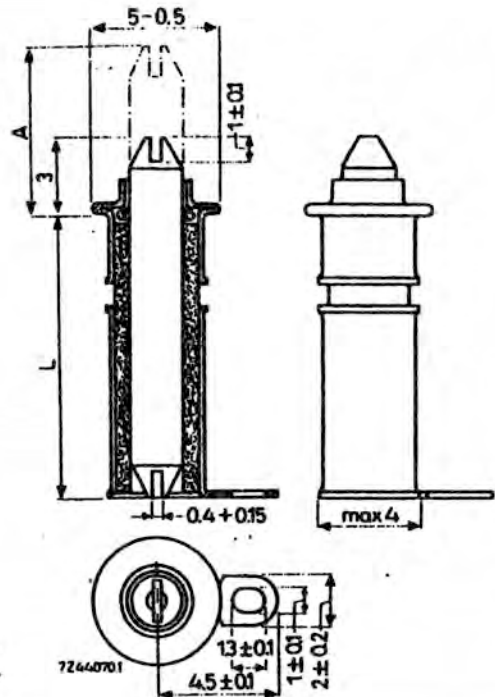
TECHNICAL PERFORMANCE

	2222 801 20051	2222 801 20052
Minimum capacitance swing	3	6 pF
Maximum zero capacitance	0.8	0.8 pF
Temperature coefficient	$(-200 \pm 100) 10^{-6}$	$(-200 \pm 200) 10^{-6} / \text{deg C}$
Maximum permissible working voltage	300 V _{dc}	
Test voltage for 1 minute	650 V _{dc}	
Permissible temperature range	-40 to +85 °C	
Minimum insulation resistance	10 000 MΩ	
Maximum contact resistance	10 mΩ	
Minimum parallel damping at 1.5 MHz and maximum capacitance	3 MΩ	
Operating torque	10-200 gcm	
Climatic robustness	category 40/085/21 (I. E. C. 68)	
Soldering	stator tag: in conformity with I. E. C. 68, test T cap : the soldering temperature must lie between 240 °C and 260 °C, maximum soldering time is 10 s.	
Maximum axial load on the rotor during operation	200 g	

MECHANICAL DATA

Dimensions in mm

L (mm)	A at C _{min} (mm)	catalog number
7.8 \pm 0.5	10.5+1	2222 801 20051
10.8 \pm 0.5	13.5+1	20052



Mounting

The trimmers can be fixed by soldering the cap to the chassis. The diameter of the required circular mounting hole is 4.2 mm.