

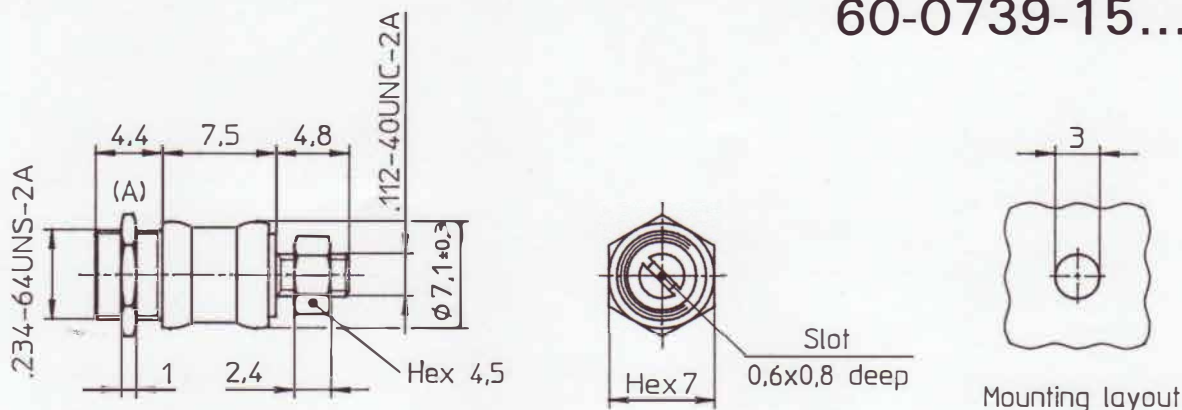


# TRONSER TRIMMER

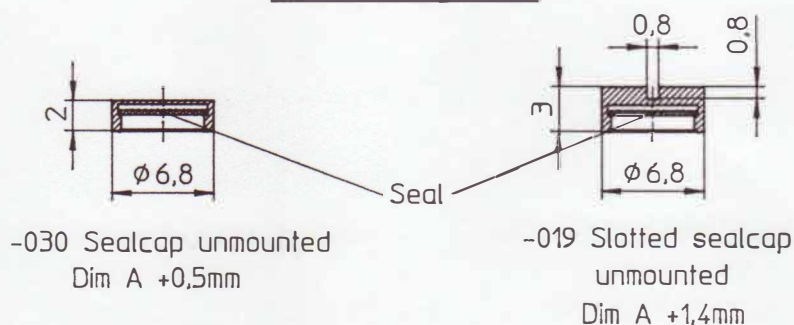
für die  
professionelle  
Elektronik

DATE: 20.09.93  
REVISION: 30.11.93

## 60-0739-15...-000



### Special Configuration



### TECHNICAL DESCRIPTION

ROTOR	Tubes machined from brass and Ni steel, gold plated; Direct rotor contact through the entire rotor thread length
STATOR	Tubes machined from brass, gold plated
DIELECTRIC	Air
INSULATOR	High density alumina oxide $Al_2O_3$ , glazed
MOUNTING	Rotor connection through central mount bushing, max. 50 Ncm (70 in.oz.) Stator connection by screw stud
ADJUSTMENT	From rotor side. With positive mechanical stop at $C_{max}$ , thereby eliminating forces on the solder joints

### ELECTRICAL , MECHANICAL AND THERMAL DATA

TUNING TORQUE	0,7 - 3,6 Ncm (0.9 - 5.0 in.oz.)
STOP TORQUE	max. 8 Ncm (11.1 in.oz.)
ROTATIONAL LIFE	≥ 75 cycles, IEC 418
VIBRATION	60 g / 10 - 2000 Hz
SHOCK	1500 g / 0,5 ms
OPERATING TEMPERATURE	-65°C to +125°C
ADJUSTMENT ACCURACY	≤ 1 x 10 <sup>-3</sup> of adjusted value

Use of high temperature solder allows soldering temperature of +300°C for max. 10s.

TYPE	$C_{min}$	$C_{max}$	Test-Voltage	Q-Factor @	Contact-Resistance	$R_i$	TC	Weight
Air gap 0,15 mm	pF	pF	VDC	200 MHz	$\Omega$	M $\Omega$	x 10 <sup>-6</sup> /°C	ca.g
60-0739-15010-000	0,8	10,0	500	> 5000	< 0,001	> 10 <sup>6</sup>	0 ± 15	1,9
60-0739-15014-000	1,0	14,0	300	> 5000	< 0,001	> 10 <sup>6</sup>	0 ± 15	2,1