

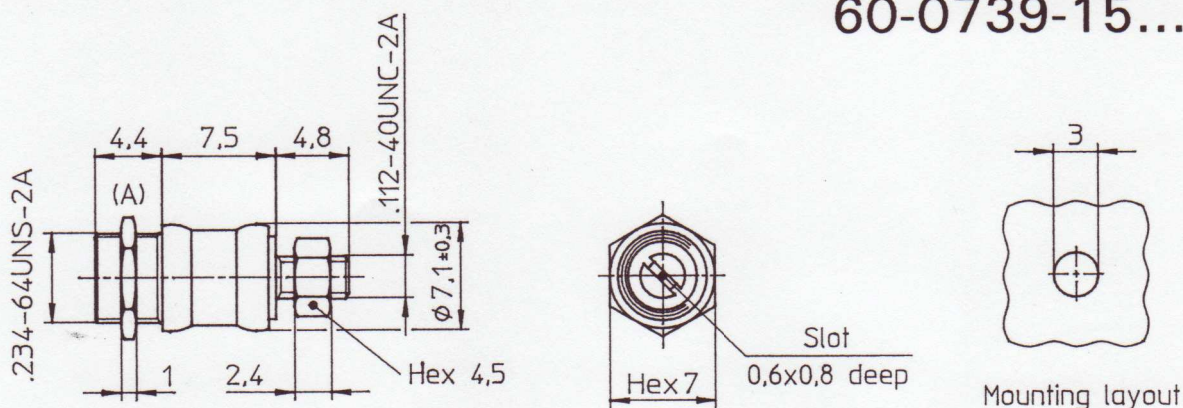


TRONSER TRIMMER

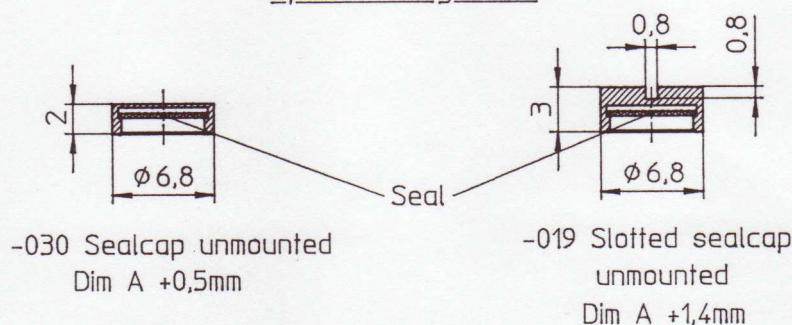
für die
professionelle
Elektronik

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 INSULATOR	Air
MOUNTING	High density alumina oxide Al_2O_3 , glazed 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 × 10 ⁻³ 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	Ω	M Ω	× 10 ⁻⁶ /°C	ca.g
60-0739-15010-000	0,8	10,0	500	> 5000	< 0,001	> 10 ⁶	0 ± 15	1,9
60-0739-15014-000	1,0	14,0	300	> 5000	< 0,001	> 10 ⁶	0 ± 15	2,1