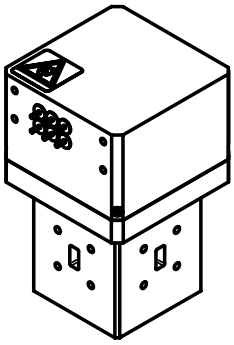
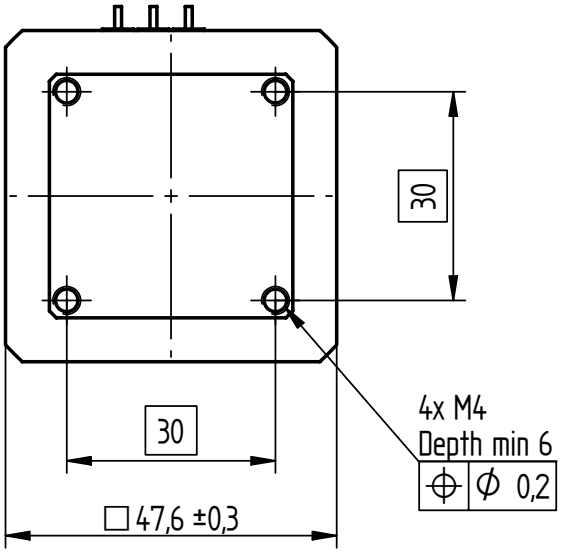
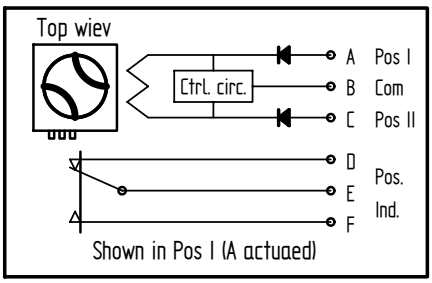
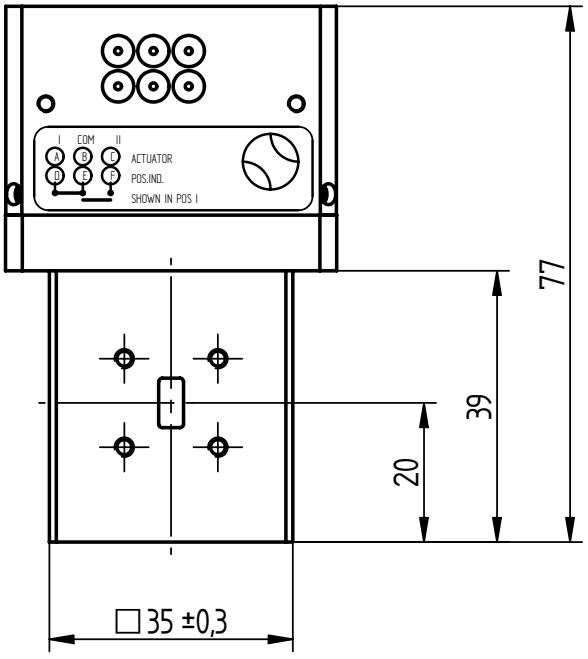
Issue	Modification	Date	Sign.	Chkd.
B	ECO	2003-1016	HNg	HW









CAUTION!
Never connect supply voltages to pins A and C simultaneously. Severe damage will result.

CAUTION!
ESD SENSITIVE

Drawing principle	SS 1902	UNLESS OTHERWISE STATED THE FOLLOWING APPLIES:		Ref. 02-11-28	Sign. CEL
Tolerancing principle	ISO 8015	General tolerances, linear and angular dimensions:	ISO 2768-c	Chkd.	Sign. HW
Dimensions in mm		Europ. proj.		Appvd.	Sign. HW
SIVERS		Title: WAVEGUIDE SWITCH WR28/R320/WG22 Latching		Designed	Sheet 1(2)
				Scale 1:1	Issue B
				Doc. no. WS8089Q/00	

RF DATA

Frequency range	26.5 – 40.0 GHz
VSWR	1.1
Insertion loss	0.1 dB
Isolation	60 dB
Peak power	20 kW at 0.1 MPa abs., +25°C
Average power	0.5 kW
Flange interface	MIL-F-3922/54C-003 Modified with 4-40 UNC-2B, thread depth min 5

ACTUATOR DATA

Operating voltage	28±3 V DC
Operating current	1 A, Self cut off
Switching time	150 ms
Duty (min time between successive operations)	500 ms -40°C to +40°C linearly increasing to 2 s at +85°C
Connector	Soldering pins

POSITION INDICATOR

Voltage / Current	60 V Max, 50 mA Max Resistive load

MECHANICAL DATA

Material	Aluminium alloy, Cu free
Finish	Chromate per MIL-C-5541 and black painted
Air pressure	N/A
Air leakage	N/A
Weight	0.35 kg Max
Life	250 000 actuations

ENVIRONMENTAL DATA

Ambient temperature	-40°C to +85°C
Vibration	5 – 18 Hz, 3 mm amplitude 18 – 2000 Hz, 15 g
Humidity	100% RH if dry air in waveguide