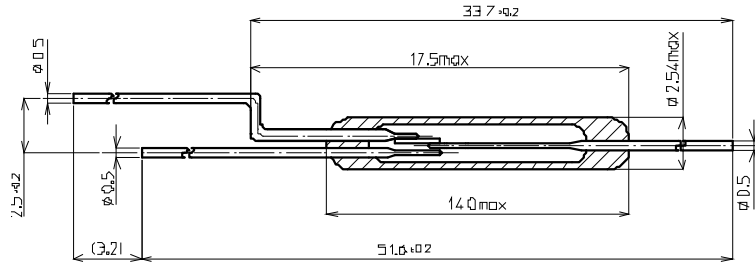


ORT551-1 REED SWITCH



. SPECIFICATIONS

1-1. Electrical characteristics

1. Pull-in	---	AT	
		(in the 10AT to 30AT range)	
2. Drop-out	4	AT	min
3. Contact resistance	100	m	max
4. Breakdown voltage	150	DCV	min
5. Insulation resistance	10 ⁹		min
6. Electrostatic capacitance	1.5	pF	max
7. Contact rating	3	W, VA	
8. Maximum switching voltage	DC30	V	
9. Maximum switching current	0.2	A	
10. Maximum carry current	0.5	A	

1-2. Operating characteristics

1. Operate time	1.0	ms	max
2. Bounce time	1.0	ms(NO)	max
	1.5	ms(NC)	max
3. Release time	0.5	ms	max
4. Resonant frequency	6000 ± 4000	Hz	
5. Maximum operating frequency	200	Hz	

1-3. Environmental characteristics

1. Shock	294	m/s ²	(11ms)
2. Vibration	196	m/s ²	(10 ~ 50Hz)
3. Temperature range	-40 ~ +125		
4. Lead tensile strength	19.6	N	

. STRUCTURE AND DIMENSIONS

1. Contact arrangement	Form C		
2. Contact material	Rhodium		
3. Glass diameter	2.54	mm	max
4. Glass length	14.0	mm	max
5. Overall length	see figure		

DATE	REMARKS ON REVSES	DESIGNED	OKI SENSOR DEVICE CORPORATION	
		DRAWN	NOMENCLATURE	
		CHECKED	ORT551-1 REED SWITCH	
		APPROVED	REFERENCE	DRAWING NO.
		DATE OF ISSUE		