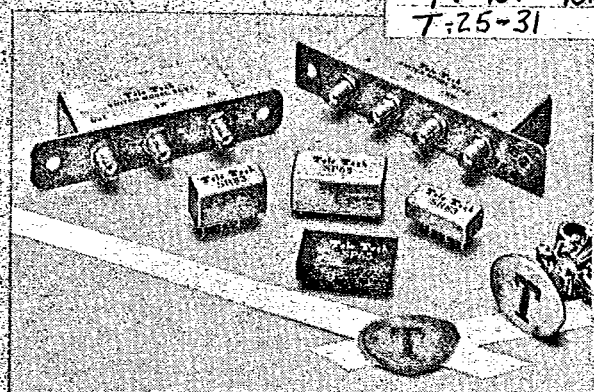


A-29-25
T-25-31

SOLID STATE SWITCHES

SWITCHES

- PCB Packages
- Hermetic
- Economy Plastic
- Coaxial Packages
- BNC
- SMA (optional)



GUARANTEED SPECIFICATIONS

Model	Type	Operating Frequency	On-Off Ratio		Insertion Loss		Switch Isolation		Switch Current		Speed nsec	Input Level
			dB	MHz	dB	MHz	dB	MHz	On	Off		
SP62	SPST	.5-300 MHz	80	.5-40	2	.5-100	35	.5-10	+20 mA	-20 mA	25	+14 dBm
			65	40-100	3	.5-300	30	10-50	≈1.5 v			
			45	100-300			15	50-300				
			70	.5-25								
SP65	SPST	.5-500 MHz	60	25-100	3	.5-300	35	.5-10	+20 mA	-20 mA	2	+10 dBm
			50	100-200	5	300-500	25	10-50	≈1.4 v			
			35	200-500			15	50-500				
			70	.5-1.5								
SR63	SPST	.5-400 MHz	65	1.5-15	2.5	1.5-250	35	.5-10	+20 mA	-20 mA	25	+14 dBm
			55	15-50	3	250-400	25	10-50	≈1.5 v			
			45	50-200	3.5	.5-1.5	15	50-400				
			35	200-400								
SR66	SPST	.5-200 MHz	65	20-50	3.5	1-50	30	.5-200	+20 mA	-20 mA	2	+10 dBm
			50	50-100	4	.5-200			≈1.4 v			
			45	100-200								
			80	.5-20								
SR81	SPST	.5-700 MHz	60	20-150	3	.5-150	35	.5-20	+20 mA	-20 mA	25	+14 dBm
			50	150-300	5	150-500	20	20-250	≈1.5 v			
			45	300-500	7	500-700	15	250-500				
			35	500-700								
SR82	SPDT	.5-500 MHz	65	.5-20			40	.5-20	+40 mA	-40 mA	25	+14 dBm
			50	20-100	3	.5-300	35	20-100	C + A	C + B		
			40	100-200	5	300-500	25	100-300	≈1.5 v			
			30	200-500			10	300-500				
SR83	SPST	.5-500 MHz	65	.5-20	3	.5-200	40	.5-50	+20 mA	-20 mA	2	+10 dBm
			50	20-200	5	200-500	25	50-250	≈1.4 v			
			40	200-500								
			100	.5-25								
SC31	SPST	.5-500 MHz	80	25-100	3	.5-50	30	.5-50	+20 mA	-20 mA	25	+14 dBm
			70	100-200	4	50-200	20	50-300	≈1.5 v			
			60	200-500	7	200-500	15	200-500				
			90	.5-25								
SC35	SPST	.5-500 MHz	80	25-50	5	.5-200	30	.5-10	+20 mA	-20 mA	2	+10 dBm
			70	50-300	7	200-500	25	10-500	≈1.4 v			
			60	300-500								
			100	.5-25								
SC42	SPDT	.5-500 MHz	80	25-150	3	.5-150	40	.5-50	+40 mA	-40 mA	25	+14 dBm
			70	150-400	4	150-250	35	50-250	C + A	C + B		
			60	400-500	6	250-500	15	250-400	≈1.5 v			
			10	400-500								

- Specifications are guaranteed in a 50 ohm system with an input signal level of +4 dBm or less with specified switching current maintained.
- Switch Isolation is measured between the switch port and the output port with +17 dBm sinusoidal switch signal applied.
- Input level is the maximum input signal for less than 1 dB variation in the Insertion loss at specified switching current.
- In SPDT models, positive bias switches the C port to the A port, negative bias switches the C port to the B port, zero bias isolates the C port from both output ports for low level signals.