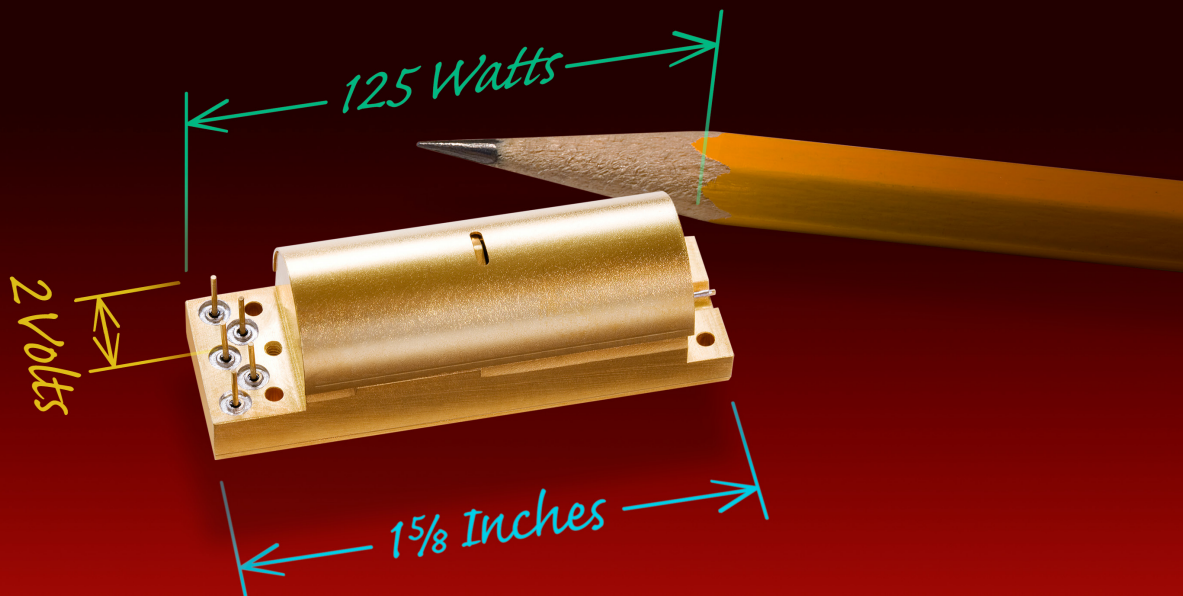


MORE CAPACITY IN LESS SPACE. DAICO CAN FIT YOUR PLANS.



This High Power Broadband SP2T Switch delivers exceptional performance in an ultra compact package, affording greater design flexibility and capacity!

Daico introduces yet another breakthrough product. Our new 125-Watt broadband SP2T miniaturized switch outperforms any currently available switch of comparable size and comes in a rugged package to meet even the most demanding of applications.

Check out these specifications. This small size, high capacity switch can help shrink your designs, all while allowing high currents.

With a little custom tweaking, this mighty midget might just give you the edge you need.

Contact a Daico representative to see how we can help.

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS/LIMITS
Operating Frequency*	138		168	MHz	
DC Current			40	mA	At +2 VDC Supply
Insertion Loss	Mode 1 (J2 to J3)	0.75	1.50	dB	Small Signal
	Mode 2 (J1 to J3)	0.50	0.75	dB	Small Signal
	Mode 2 & Failsafe				Less than +16 dBm at J3 For Large Signal (See Note 1)
Isolation	Mode 1 (J2 to J3)	60	65	dB	Small Signal
	Mode 2 (J1 to J3)	55	60	dB	Small Signal
	Mode 2 (J2 to J1)	55	60	dB	Small Signal
VSWR	Mode 2 (J1 to J3)	1.3/1	1.5/1		Small Signal
	Mode 2 (J2 to J3)	1.2/1	1.3/1		Small Signal
Impedance	Input		100	Ohms	
	Output		50	Ohms	
Switching Speed		0.4	0.5	µsec	10%/90% RF at Small Signal
Phase Linearity		+/-2		Degrees	145 to 155 MHz
RF Power	Mode 1 (J1 to J3)		+17	dBm	1 dB Compression
	Mode 2 & Failsafe	100		Watts	Less than 2 W Dissipation and Less than +16 dBm at J2 and J3 (See note 1)
Operating Temperature	-40		+55	°C	

Note 1: Failsafe Mode is when no DC power is applied. Guaranteed "No Damage" to switch in Failsafe Mode.
*Other frequency ranges are available. Please contact Daico.

**We make a world
of difference**

ISO 9001:2000 CERTIFIED



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