

Commercial CCS-37

Miniature Transfer DC-18GHz

Latching

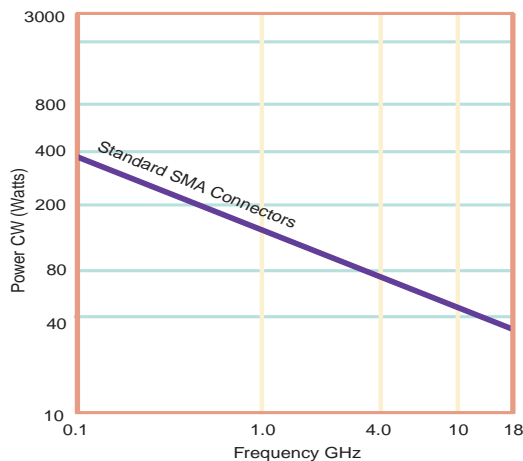


The CCS-37 Latching Switch is a long-life high performance transfer switch designed for use in 50 Ohms coaxial transmission lines operating over frequencies ranging from DC to 18 GHz. The switch is designed for minimum size compatible with SMA connector spacing.

Specifications

RF Contacts:	Break before make			type actuator requiring In the self-cutoff version, the dwell time (duration) (approximately 100 msec) from one position to the next is especially suitable for	
Actuator	Voltage (VDC) 20°C	12	15		28
	Current (mA)	160	130		60
Switching Time:	15 msec max				
Connectors:	SMA (f)				
Weight:	2.50 oz. max				
Temperature Range:	-40°C to +65°C (Operating)				
Shock:	MIL-STD-202 Method 213, Condition D (500G Non Operating)				
Vibration:	MIL-STD-202 Method 214, Condition D (10G RMS Non Operating)				
Humidity:	Moisture Seal Available				
Typical Contact Life:	5 Million Cycles				
RF Power Handling:					

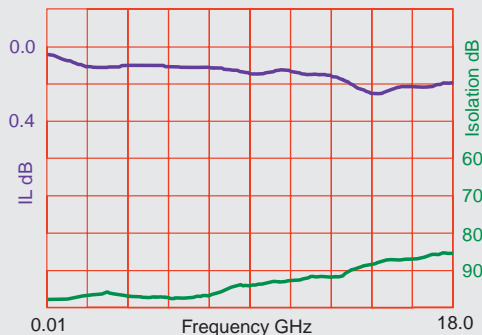
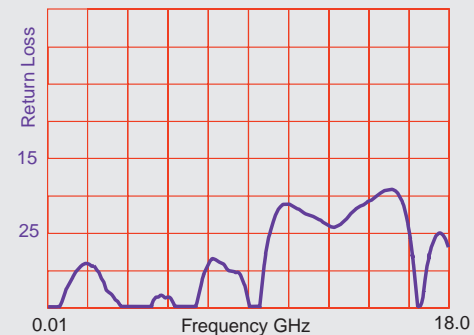
This switch is provided with a magnetic latching actuator which is particularly desirable in applications where actuator power consumption must be kept to an absolute minimum. The latching type actuator requires less switching current than the failsafe type. In the self-cutoff version, power is applied only for the very short duration (approximately 50 msec. max.) of the actuator transfer from one position to the other. This makes this type of actuator especially suitable for portable battery operated systems.



Specifications

	DC-6 GHz	6-12 GHz	12-18 GHz
VSWR (max)	1.25:1	1.40:1	1.50:1
Insertion Loss (min)	0.20 dB	0.40 dB	0.50 dB
Isolation (max)	70.0 dB	60.0 dB	60.0 dB

Typical Performance



Specifications subject to change without notice.

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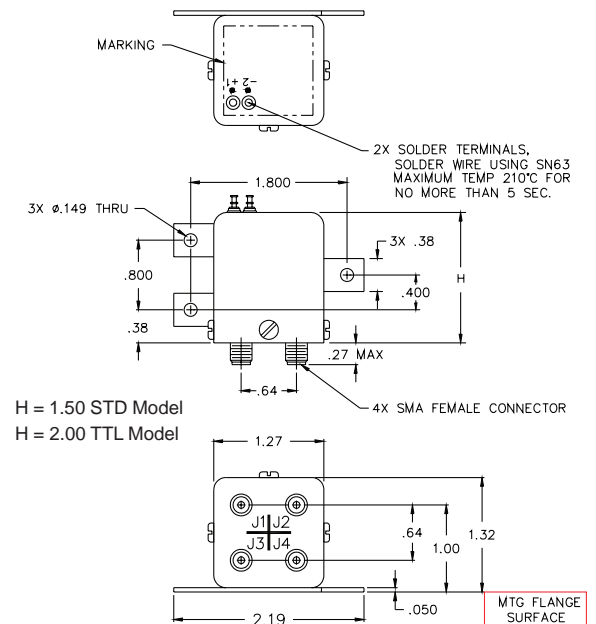
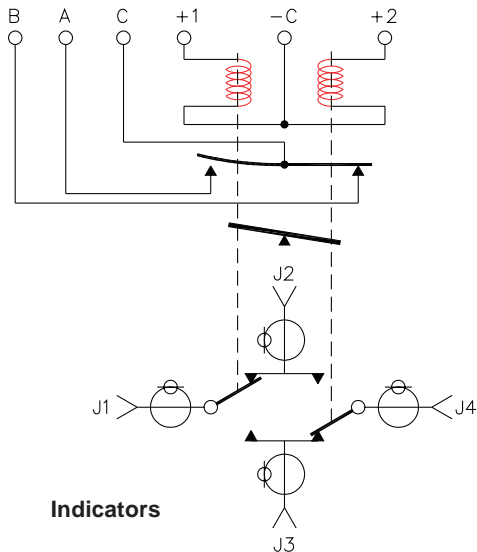
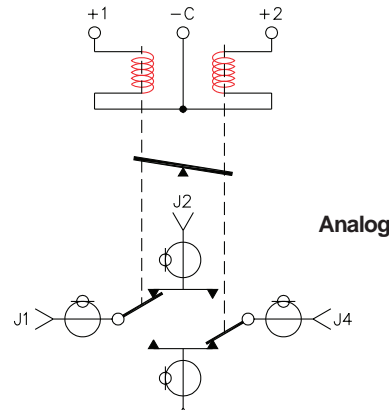
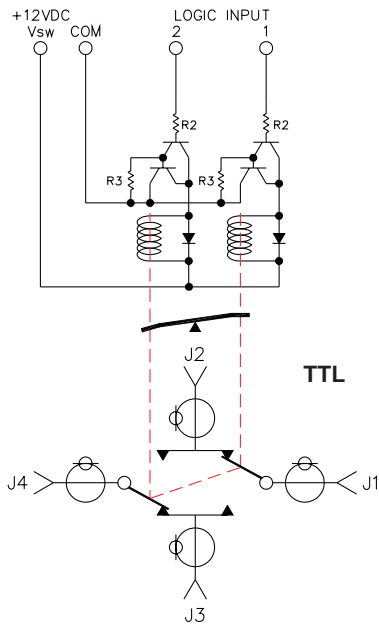
Tel: (800) 351-7368

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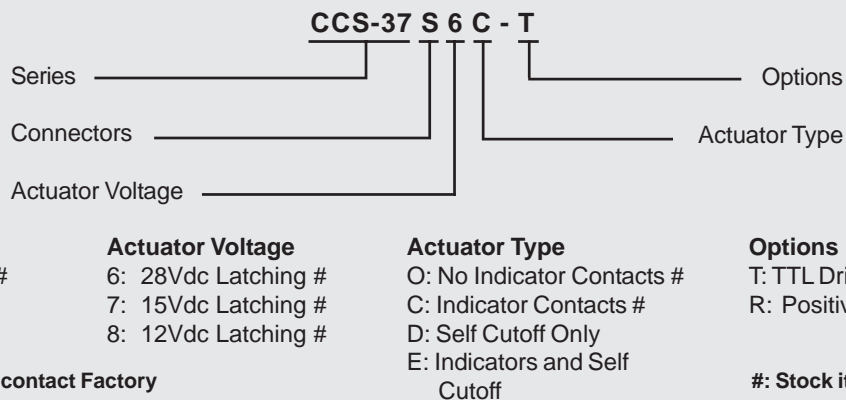
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Part Numbering System for CCS-37 (Latching)



For other options contact Factory



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