



Elite CS-32

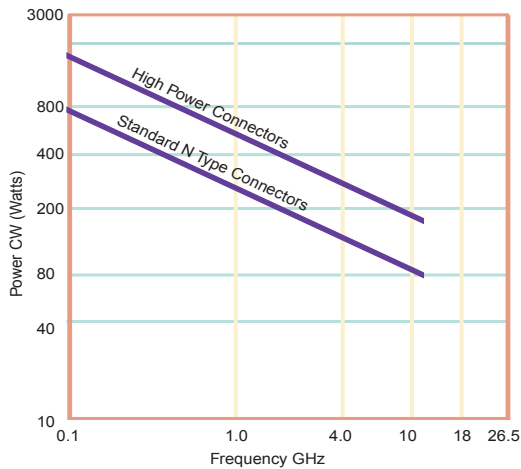
High Power DC-12GHz SPDT Switch

Failsafe

The CS-32 is a broadband, SPDT Switch designed to switch microwave signals from a common input to either of two outputs. Designed for 50 Ohms transmission lines. The switch is available with either failsafe or latching type actuators operating on 28 VDC or other special DC voltages. The primary advantages of this switch over the miniature versions, shown on previous pages is the higher power handling capability and additional connector options.

Specifications

RF Contacts:	Break before make			
Actuator	Voltage (VDC) 20°C	12	15	28
	Current (mA)	625	500	250
Switching Time:	20 msec max			
Connectors:	SMA, TNC, N Type			
Weight:	6 oz. max			
Temperature Range:	-55°C to +85°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:	3 Million Cycles			
RF Power Handling				



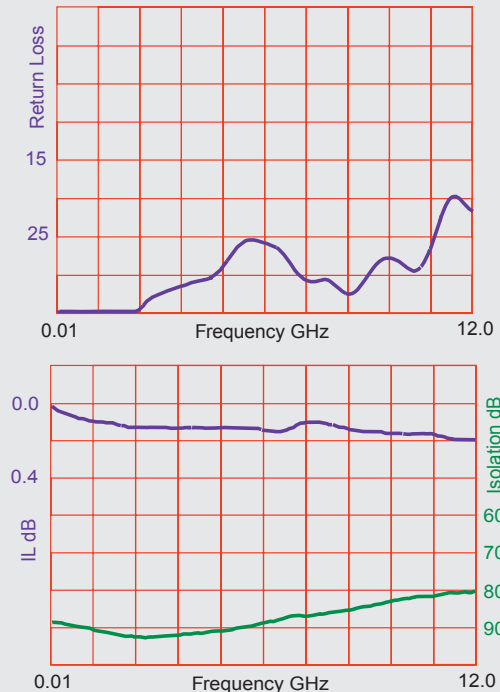
Specifications

	DC-1 GHz	1-4 GHz	4-12 GHz*
VSWR (max)	1.25:1	1.40:1	1.70:1
Insertion Loss (max)	0.30 dB	0.40 dB	0.50 dB
Isolation (min)	70.0 dB	60.0 dB	60.0 dB

*Connector Type

	Max (f)
SMA	12 GHz
N Type	11.5 GHz
TNC	11 GHz

Typical Performance



Specifications subject to change without notice.

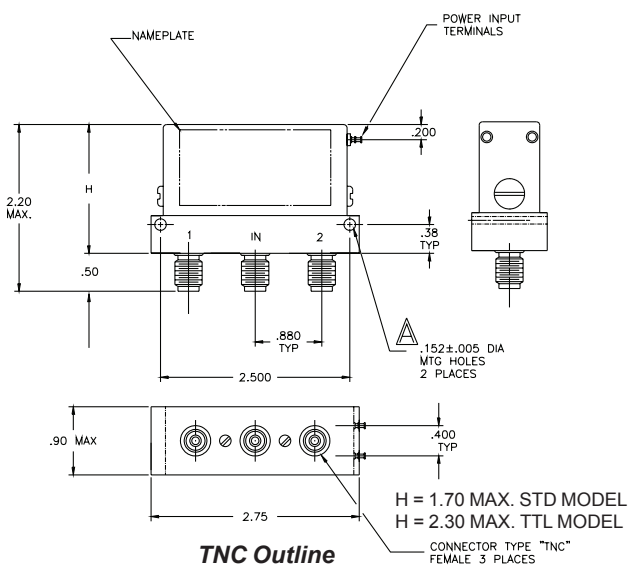
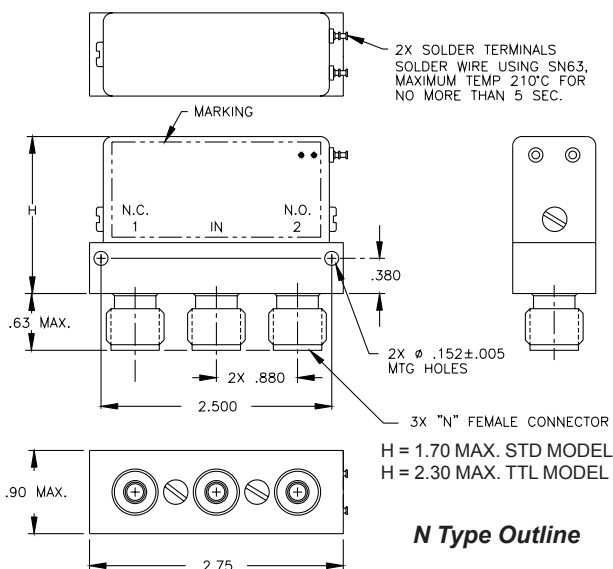
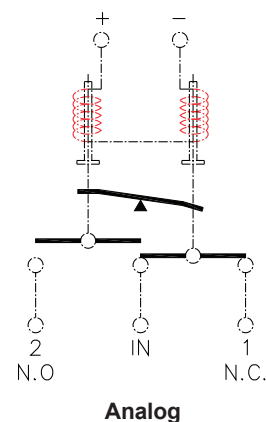
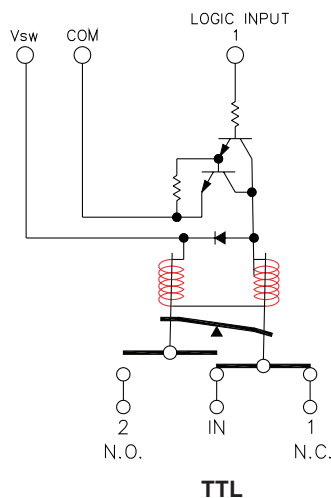
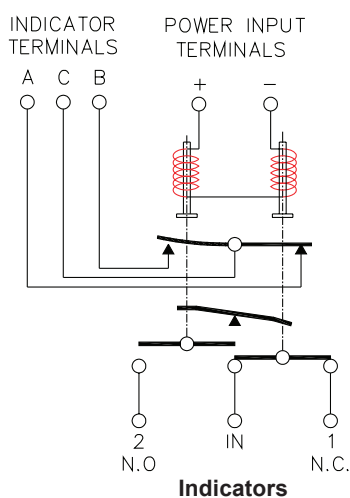
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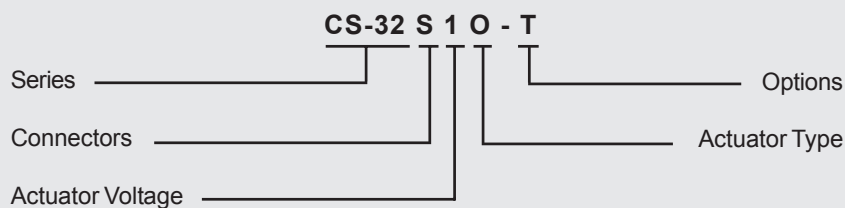
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High Power DC-12GHz SPDT Switch

Failsafe



Part Numbering System for CS-32 (Failsafe)



Connector

N: N Type Female
T: TNC Female

Actuator Voltage

1: 28Vdc Failsafe
2: 15Vdc Failsafe
3: 12Vdc Failsafe

Actuator Type

O: No Indicator Contacts
C: Indicator Contacts

Options

T: TTL Drivers with Diodes
R: Positive + Common

For other options contact Factory



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