



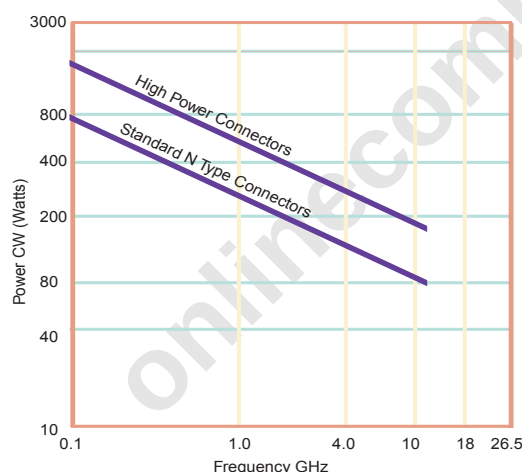
Elite CS-32 High Power DC-12GHz SPDT Switch Failsafe

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 (f), TNC(f)(max frequency 11GHz only), N Type (f)			
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			
MTBF:	6.7 Million Hours (MIL-HDBK-217F Fixed, 25°C, <1 Cycle per hour)			

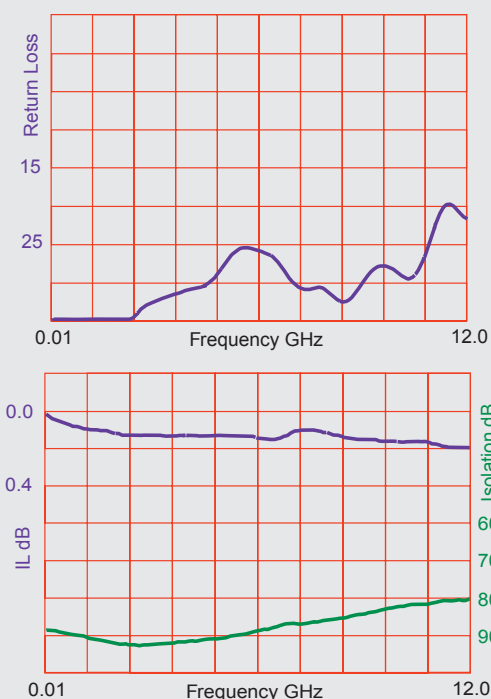
RF Power Handling



Specifications

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

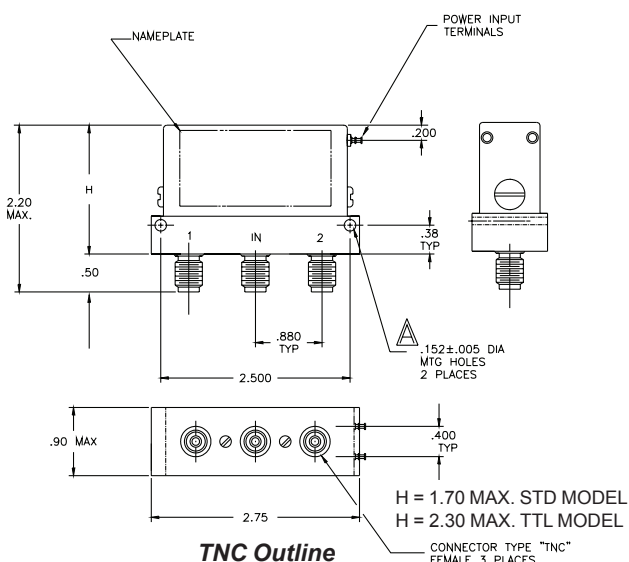
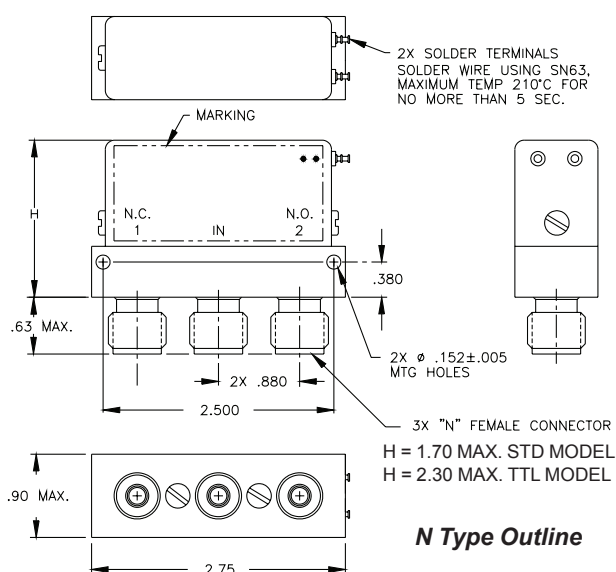
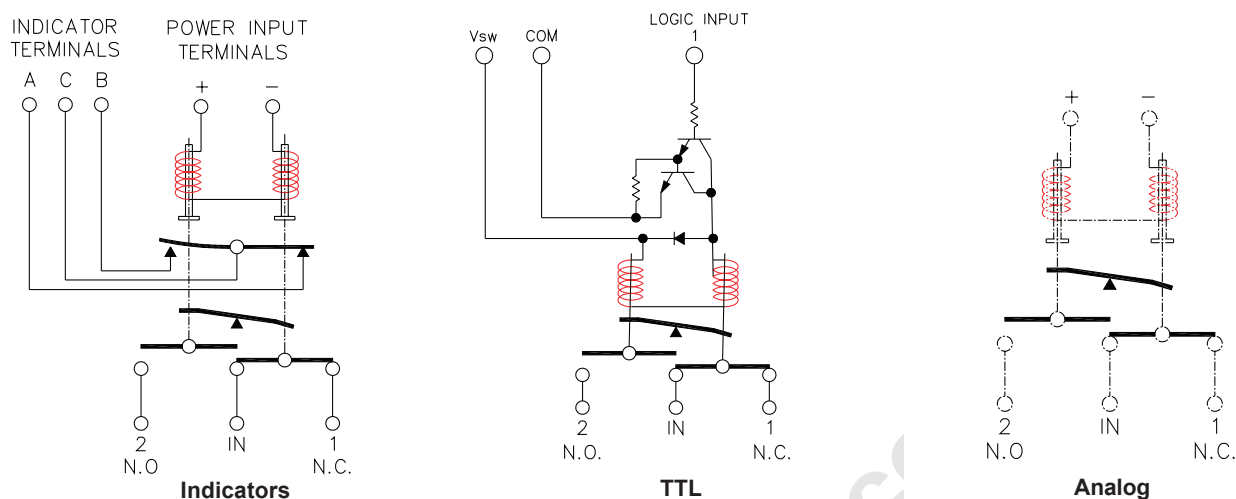
Typical Performance



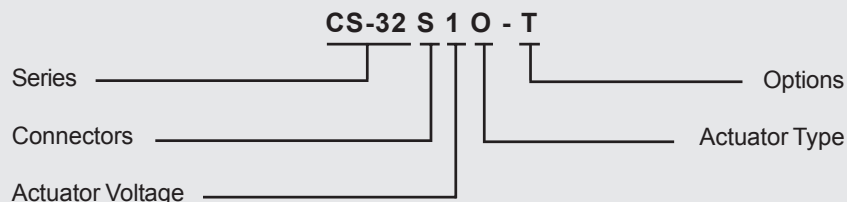
Elite CS-32

High Power DC-12GHz SPDT Switch

Failsafe



Part Numbering System for CS-32 (Failsafe)



Connector

S: SMA Female
N: N Type Female
T: TNC Female(11GHz)

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