



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

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)	150	120	60

Switching Time: 20 msec max

Connectors: SMA, TNC, N Type

Weight: 6 oz. max

Temperature Range: -55°C to +85°C (Operating)

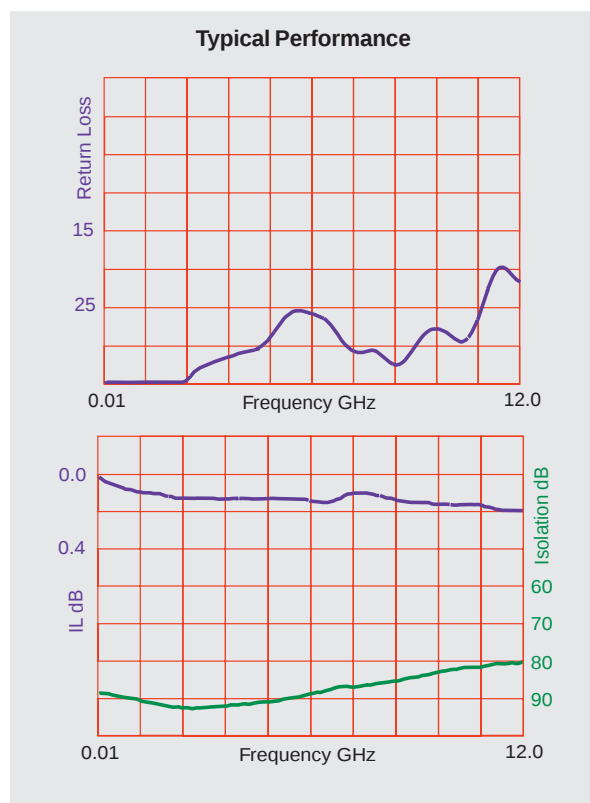
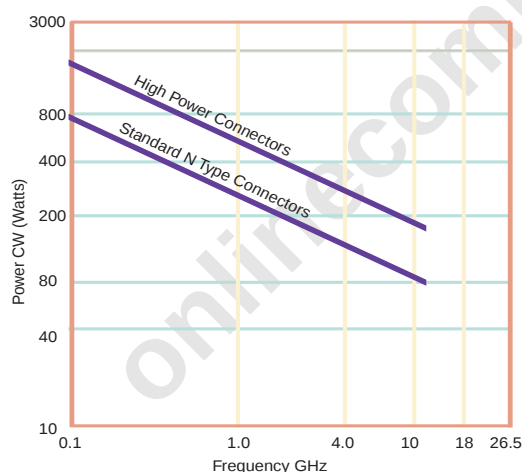
Shock: MIL-STD-202 Method 213, Condition D (500G Non Operating)

Vibration: MIL-STD-202 Method 214, Condition D (10G RMS Non Operating)

Humidity: Moisture Seal Available

Typical Contact Life: 5 Million Cycles

RF Power Handling



Specifications

VSWR (max)
Insertion Loss (min)
Isolation (max)

DC-1 GHz	1-4 GHz	4-12 GHz*
1.25:1	1.40:1	1.70:1
0.30 dB	0.40 dB	0.50 dB
70.0 dB	60.0 dB	60.0 dB

*Connector Type

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



**TELEDYNE
COAX SWITCHES**

Specifications subject to change without notice.

www.teledynecoax.com
email: coax@teledyne.com

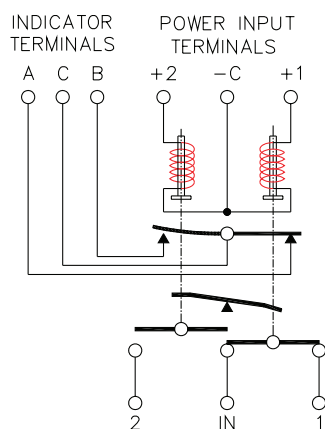
Tel: (800) 351-7368

10/2007

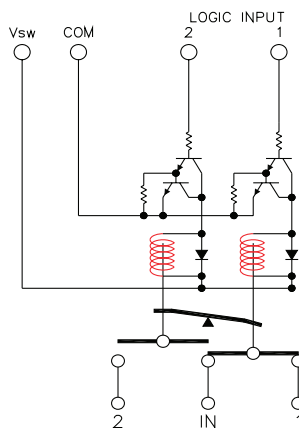
Elite CS-32

High Power DC-12GHz SPDT Switch

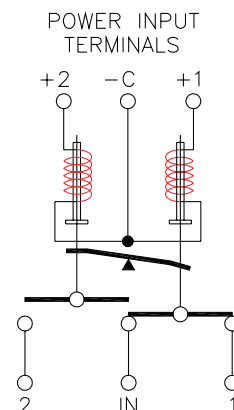
Latching



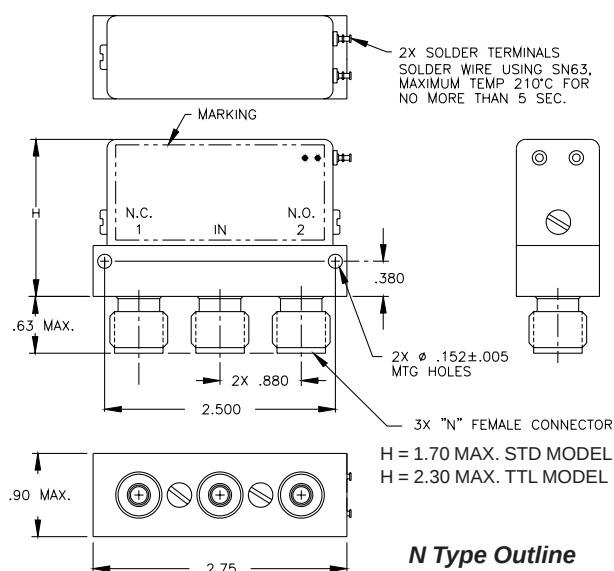
Indicators



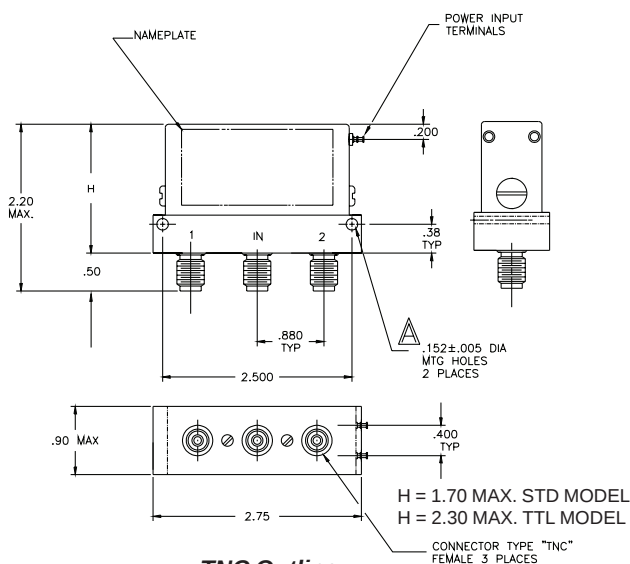
TTL



Analog

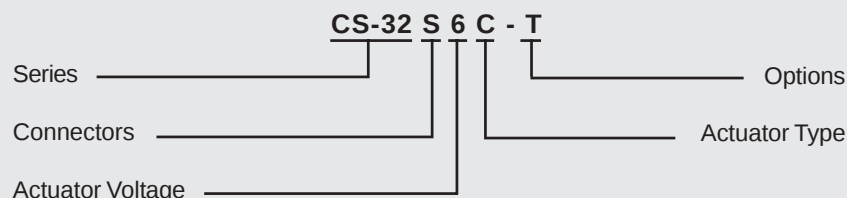


N Type Outline



TNC Outline

Part Numbering System for CS-32 (Latching)



Connector

S: SMA Female
N: N Type Female
T: TNC Female

Actuator Voltage

6: 28Vdc Latching
7: 15Vdc Latching
8: 12Vdc Latching

Actuator Type

O: No Indicator Contacts
C: Indicator Contacts
D: Self Cutoff Only
E: Indicators and Self Cutoff

Options

T: TTL Drivers with Diodes
R: Positive + Common

For other options contact Factory