



Elite CS-47

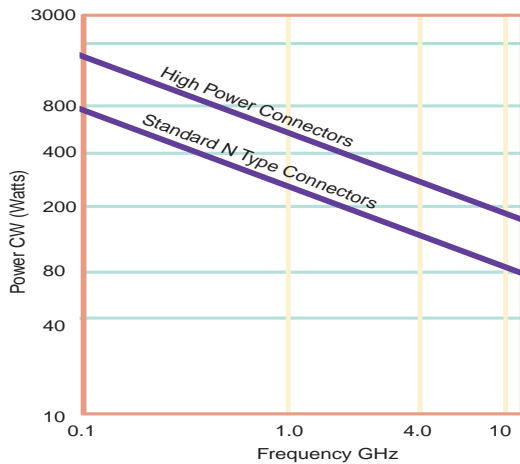
High Power Transfer DC-12GHz

Failsafe

The Type CS-47 is a long life, high performance transfer or crossover switch designed for use in 50 Ohms coaxial transmission lines. The switch is available with either failsafe or latching type actuation operating from a variety of voltage supplies. The primary advantage of this switch over the miniature versions shown on previous pages, is the higher power handling capability.

Specifications

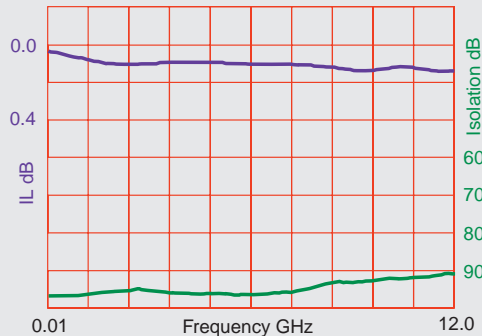
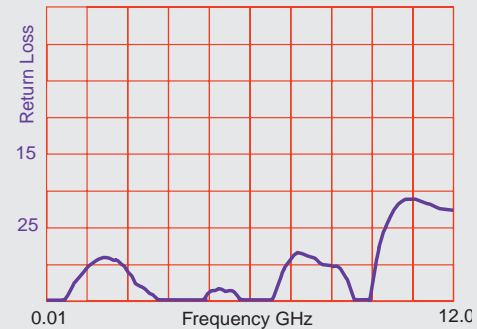
- RF Contacts:** Break before make
- Actuator**
- | | | | |
|--------------------|-----|-----|-----|
| Voltage (VDC) 20°C | 12 | 15 | 28 |
| Current (mA) | 600 | 480 | 250 |
- Switching Time:** 30 msec max
- Connectors:** N-Type (f), TNC (f)(max frequency 11 GHz only) or SMA(f)
- Weight:** 6 oz. max
- 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
- Typical Contact Life:** 5 Million Cycles
- RF Power Handling:**



Specifications

	DC-1 GHz	1-4 GHz	4-12 GHz
VSWR (max)	1.25:1	1.40:1	1.80:1
Insertion Loss (max)	0.30 dB	0.40 dB	0.50 dB
Isolation (min)	70.0 dB	60.0 dB	60.0 dB

Typical Performance



Specifications subject to change without notice.

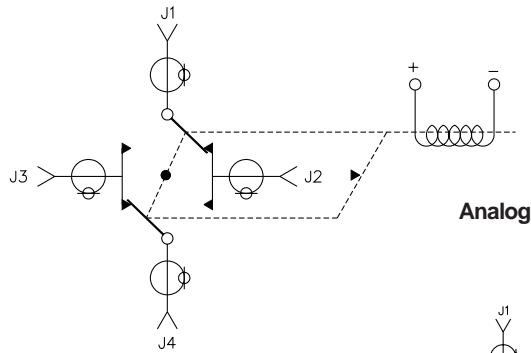
www.teledynecoax.com
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10/2007

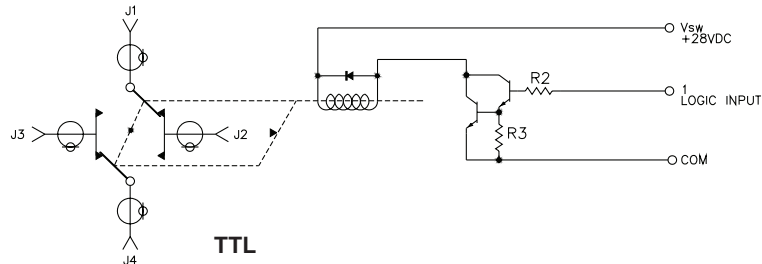
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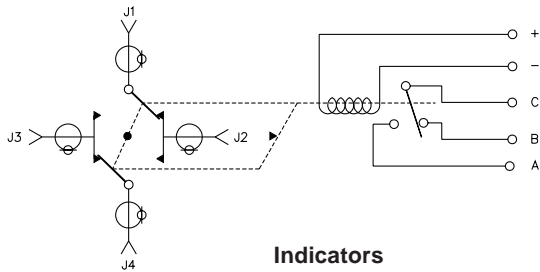
Failsafe



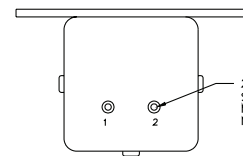
Analog



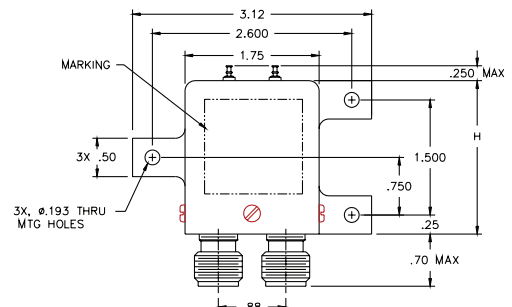
TTL



Indicators

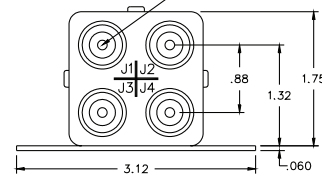


2X SOLDER TERMINALS
SOLDER WIRE USING SN63,
MAXIMUM TEMP 210°C FOR
NO MORE THAN 5 SEC.

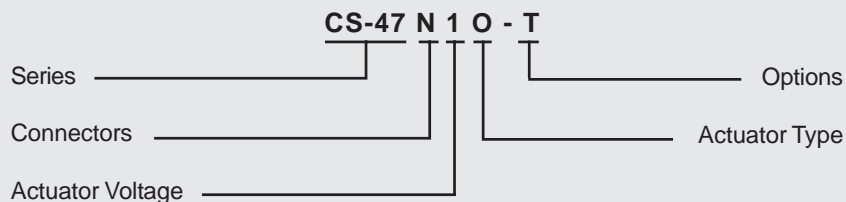


4X N, TNC or SMA FEMALE CONNECTORS

H = 2.10 STD Model
H = 2.60 TTL Model



Part Numbering System for CS-47 (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



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