TRANSFER
TRAN Failsafe

The Transfer (TRAN) is a four port switch with two independent pairs of RF paths. These pairs are actuated simultaneously. This actuation is similar to that of a double-pole-double-throw switch. Failsafe and latching switching modes are available. Other options include position indicator contacts and choices of connectors. See Model Numbering System for other options.
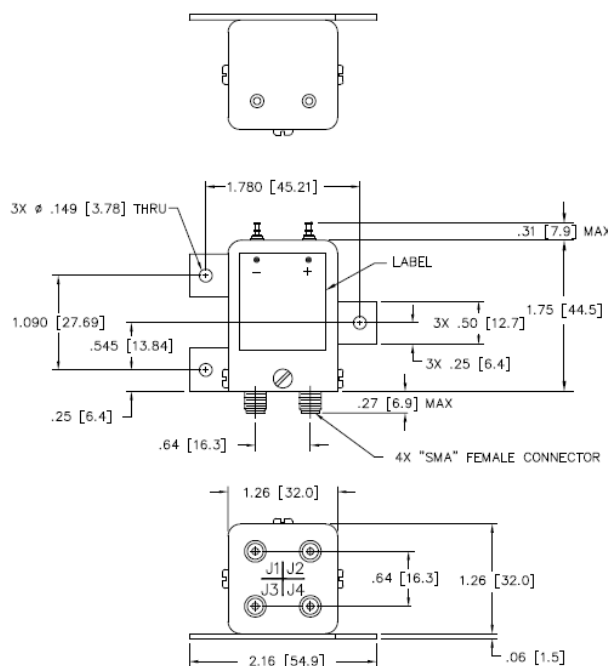
M series TRAN switches with higher temperature range is available for environments where additional shock, vibration, and humidity tolerance is required. Please visit EPX website or contact factory for details.
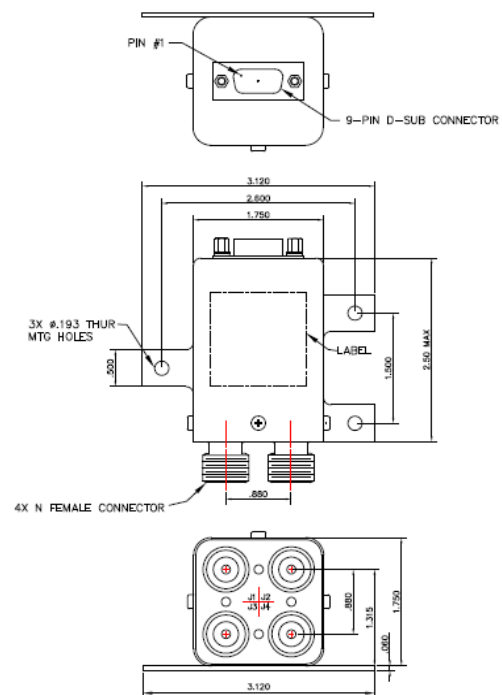
Specifications

Actuator:	Failsafe			
Actuator Voltage:	12±1 VDC	15±1 VDC	24±2 VDC	28±2 VDC
Actuator Current *:	390mA	320mA	220mA	200mA
Switching Time:	15-30ms (max)			
MTBF:	6.8 Million Hours			

* Note: Actuator Current stated is for TRAN, SMA, Failsafe without Indicator/TTL models only.

Outline

SMA Connector

N Connector
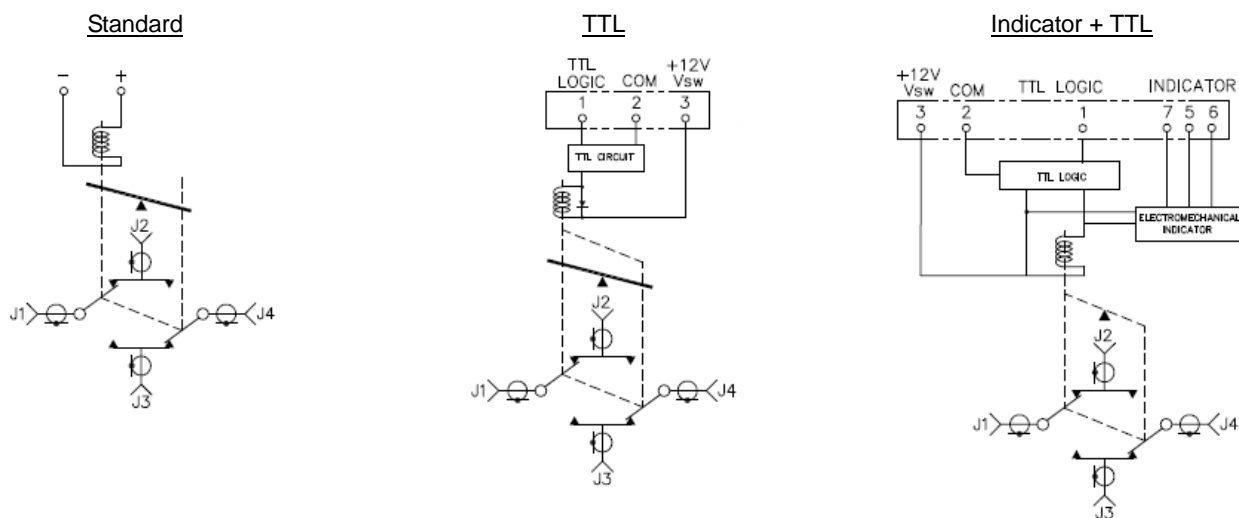
Specifications subject to change without notice
3048 SCOTT BOULEVARD, SANTA CLARA CA95054
TEL.NO.: 1-408-727 7127 • FAX NO.: 1-408-727 0827 • www.epxmicrowave.com   Jan 2010

Schematic

TRAN Failsafe Actuator

Standard

TTL

Indicator + TTL

Model Numbering System

Example: TRAN-0A-18A-D-S9

TRAN - 0 A - 18 A - D - S9

TYPE

TRAN

CONNECTOR

0:	SMA	4:	F
1:	N	5:	NC
2:	TNC	6:	CUSTOM
3:	RF PIN		

ACTUATOR TYPE

A: Failsafe without Indicator

B: Failsafe with Indicator

FREQUENCY RANGE

18: DC-18GHz

22: DC-22GHz

26: DC-26.5GHz

CONTROL OPTIONS

Default (Not specified): Pin Terminal Control

S9: 9Pins D-Sub Control

S15: 15Pins D-Sub Control

OPTIONS

C: Custom

D: TTL with Suppression Diode

ACTUATOR VOLTAGE

A:	12VDC	D:	24VDC
B:	15VDC	E:	20VDC
C:	28VDC	F:	5VDC