

T3 SERIES
TRANSFER SWITCH
 DC-12.4 GHz ◆ N, BNC, TNC

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The **T3 Series** features N, BNC or TNC connectors and a frequency range of DC to 12.4 GHz.

This series is available with fail-safe, latching self cut-off or pulse latching functions.

RF Impedance:	50 ohms nominal
Temperature Range:	-35°C to +85°C ambient
Operating Life:	1,000,000 cycles min.
Switching Time:	15 mSec max.
Switching Sequence:	Break Before Make
Environmental:	Designed in Accordance to MIL-DTL-3928 (Testing and Operation Modes)

SPECIFICATIONS

Frequency	VSWR (max.)	Insertion Loss (dB max.)	Isolation (dB min.)
DC-3 GHz	1.20	0.20	80
3-8 GHz	1.35	0.35	70
8-12.4 GHz	1.50	0.50	60

Actuator Current (typical)	12Vdc	15 Vdc	22 Vdc	28 Vdc
Failsafe	480mA	480mA	270mA	280mA
Latching	280mA	280mA	270mA	220mA

* If reduced coil current is required, please contact Factory.

AVAILABLE OPTIONS

OPTION 2 RF CONNECTORS	OPTION 4 VOLTAGE	OPTION 5 ACTUATOR	OPTION 6 FREQUENCY	OPTION 8 SPECIAL OPTIONS
1 - N	1 - 6 Vdc +/- 10%	Fail-Safe		L - TTL (High)
2 - BNC	2 - 12 Vdc +/- 10%	A - Standard	2 - DC to 12.4 GHz	LL - TTL (Low)
3 - TNC	3 - 24-30 Vdc	M - Diodes		B - Indicators
		Latching Self Cut-Off		M - Manual Override
		D - Diodes	Q - Diodes, Indicators	
		Pulse Latching		P - High Power Handling
		C - Standard	F - Indicators	
		Y - Diodes	L - Diodes, Indicators	
		OPTION 7 POLARITY		0 - Not Applicable
				8 - Positive Common
				9 - Negative Common

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Option 1 Series	Option 2 RF Connectors	Option 3 Terminals	Option 4 Voltage	Option 5 Actuator	Option 6 Frequency	Option 7 Polarity	Option 8 Special Options
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DC TERMINAL FUNCTION

PIN	FAILSAFE							LATCHING						
	A	M	A, M w/ TTL	B	Q	B, Q w/ TTL	C, Y	C, Y w/ TTL	D	D w/ TTL	E	E w/ TTL	F, L	F, L w/ TTL
1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	COM	N/A	COM
2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	1
3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	N/A	2
4	N/A	N/A	N/A	N/A	N/A	+A	N/A	N/A	N/A	N/A	COM	N/A	COM	N/A
5	N/A	N/A	+A	1	+1	-B	COM+/-	+A	COM+/-	+A	1	+A	1	+A
6	1	+1	-B	2	-2	2	1-/+	-B	1-/+	-B	2	-B	2	-B
7	2	-2	2	COM	COM	COM	2-/+	1	2-/+	1	COM+/-	1	COM+/-	1
8	N/A	N/A	N/A	1	1	1	N/A	2	N/A	2	1-/+	2	1-/+	2
9	N/A	N/A	N/A	2	2	2	N/A	N/A	N/A	N/A	2-/+	N/A	2-/+	N/A

SCHEMATICS

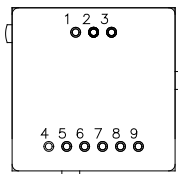
Pages 139-143

FIG.	7	7	8	7	7	8	13	14	13	14	13	14	19	20
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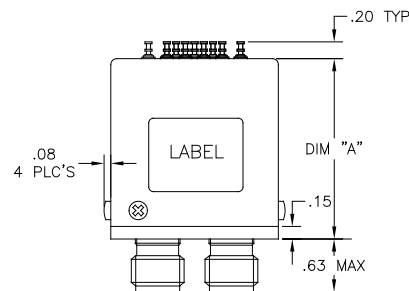
OUTLINE DRAWING DIMENSION "A"

2.16"	2.16"	2.60"	2.41"	2.41"	2.61"	2.15"	2.15"	2.15"	2.15"	2.15"	2.15"	2.15"	2.15"	2.15"
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TOP VIEW



FRONT VIEW



BOTTOM VIEW

