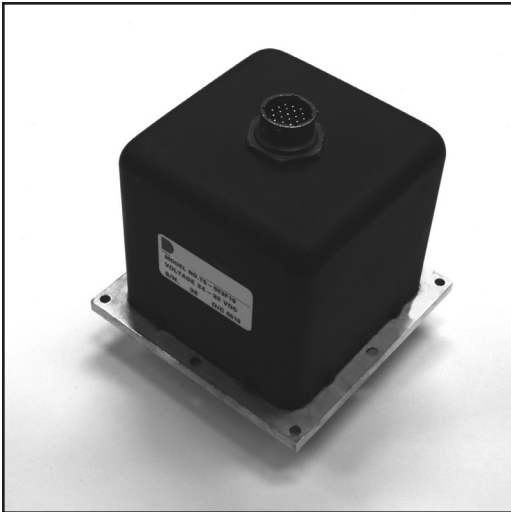


**T5 SERIES
TRANSFER SWITCH
DC- 6.5 GHz ◆ SC**

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Request Quote**



The **T5 Series** features SC connectors and a frequency range of DC to 6.5 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-1 GHz	1.15	0.15	60
1-3 GHz	1.35	0.35	60
3-6.5 GHz	1.50	0.50	60

Actuator Current (typical)	12Vdc	12-15 Vdc	20-24 Vdc	24-30Vdc
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	
5 - SC	1 - 6 Vdc +/- 10% 2 - 12 Vdc +/- 10% 3 - 24-30 Vdc 4 - 48 Vdc +/- 10% 5 - 110 Vac +/- 10%	Failsafe		2 - DC to 6.5 GHz	
		A - Standard M - Diodes	B - Indicators Q - Diodes, Indicators		L - TTL (High) LL - TTL (Low) 1 - Bracket M - Manual Override P - High Power Handling
		Latching Self Cut-Off			
D - Diodes E - Diodes, Indicators					
OPTION 3 TERMINALS 1 - Solder Terminals 2 - Circular Connector 4 - Sub M miniature D-Shell Connector	6 - 12-15 Vdc 7 - 18-20 Vdc 8 - 20-24 Vdc	Pulse Latching		OPTION 7 POLARITY 0 - Not Applicable 8 - Positive Common 9 - Negative Common	
		C - Standard Y - Diodes	F - Indicators L - Diodes, Indicators		

T5

-

5

2

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

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

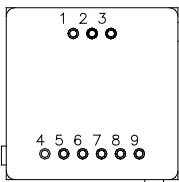
Pages 139-143

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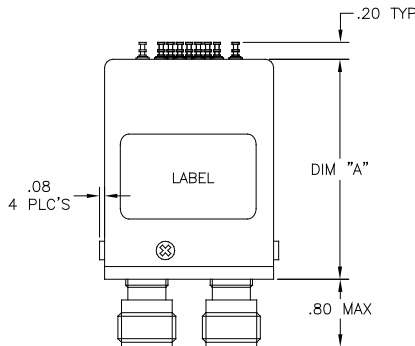
OUTLINE DRAWING DIMENSION "A"

2.15"	2.15"	2.60"	2.40"	2.40"	2.60"	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

