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

<table>
<thead>
<tr>
<th>Frequency</th>
<th>VSWR</th>
<th>Insertion Loss (dB max.)</th>
<th>Isolation (dB min.)</th>
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<tr>
<td>DC-1 GHz</td>
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<tr>
<td>1-3 GHz</td>
<td>1.35</td>
<td>0.35</td>
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<td>3-6.5 GHz</td>
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<table>
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<th>Actuator Current (typical)</th>
<th>12Vdc</th>
<th>12-15 Vdc</th>
<th>20-24 Vdc</th>
<th>24-30Vdc</th>
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<td>480mA</td>
<td>270mA</td>
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<td>Latching</td>
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<td>280mA</td>
<td>270mA</td>
<td>220mA</td>
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* If reduced coil current is required, please contact Factory.

### AVAILABLE OPTIONS

**OPTION 2 RF CONNECTORS**  
5 - SC  
1 - 6 Vdc +/- 10%  
2 - 12 Vdc +/- 10%  
3 - 24-30 Vdc  
4 - 48 Vdc +/- 10%  
5 - 110 Vac +/- 10%  
6 - 12-15 Vdc  
7 - 18-20 Vdc  
8 - 20-24 Vdc  

**OPTION 3 TERMINALS**  
1 - Solder  
2 - Circular Connector  
4 - Sub M Miniature D-Shell Connector

**OPTION 4 VOLTAGE**  
1 - 6 Vdc +/- 10%  
2 - 12 Vdc +/- 10%  
3 - 24-30 Vdc  
4 - 48 Vdc +/- 10%  
5 - 110 Vac +/- 10%  
6 - 12-15 Vdc  
7 - 18-20 Vdc  
8 - 20-24 Vdc  

**OPTION 5 ACTUATOR**  
A - Standard  
B - Indicators  
M - Diodes  
Q - Diodes, Indicators  

**OPTION 6 FREQUENCY**  
2 - DC to 6.5 GHz

**OPTION 7 POLARITY**  
D - Diodes  
E - Diodes, Indicators  
C - Standard  
F - Indicators  
Y - Diodes  
L - Diodes, Indicators

**OPTION 8 SPECIAL OPTIONS**  
L - TTL (High)  
LL - TTL (Low)  
1 - Bracket  
M - Manual Override  
P - High Power Handling

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### T5 SERIES TRANSFER SWITCH

**DC TERMINAL FUNCTION**

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#### SCHEMATICS

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**FIG.** 7 7 8 7 7 8 13 14 13 14 13 14 19 20

**OUTLINE DRAWING DIMENSION “A”**

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#### TOP VIEW

![TOP VIEW](image)

#### FRONT VIEW

![FRONT VIEW](image)

#### BOTTOM VIEW

![BOTTOM VIEW](image)

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