

# High Power RF Transfer Switch T5 Series



## T5 High Power Transfer Switch

Ducommun's T5 series features SC connectors and a frequency range of DC to 6.5 GHz.

### Specifications

- Switching time (max): 50 ohms
- RF power (avg): 500 watts
- Peak power: 50 KW
- Operating life: 1,000,000 cycles
- Operating temperature: -35°C to +85°C ambient
- Storage temperature: -57°C to +68°C ambient
- Switching sequence: Break-Before-Make

### Features

- SC connectors
- Latching, self cut-off
- Diodes and indicator circuitry
- Solder terminals

### Applications

- Radar systems
- Communications
- Electronic warfare
- Navigation systems

### Specifications

Frequency (GHz)	DC - 1 GHz	1 - 3 GHz	3 - 6.5 GHz	
V.S.W.R. (max)	1.15 : 1	1.35 : 1	1.5 : 1	
Insertion loss (max)	0.15 dB	0.35 dB	0.50 dB	
Impedance	60 dB	65 dB	60 dB	

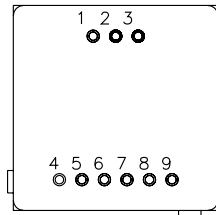
Actuator Current (typical)	12 Vdc	12 - 15 Vdc	20 - 24 Vdc	24 - 30 Vdc
Fail-safe	480 mA	480 mA	270 mA	280 mA
Latching	280 mA	280 mA	270 mA	220 mA

All specifications are subject to change without notice.

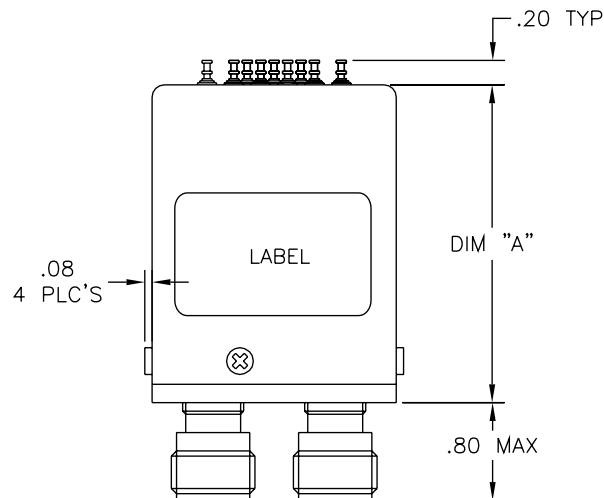
For more information, contact our sales team at 310.513.7200 or [rfsales@ducommun.com](mailto:rfsales@ducommun.com)

## OUTLINE DRAWINGS

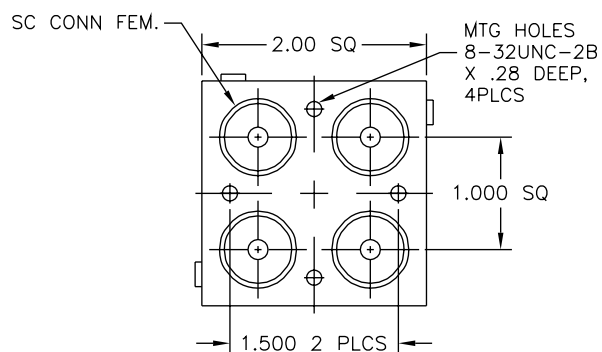
### Top View



### Front View



### Bottom View



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