



PRODUCT SPECIFICATION
 MODEL NO. ES0115
 T/R Blanking (SPST)

PS-ES0115 REV A

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PARAMETER	VALUE	UNITS
1.0 High Power Input Specifications		-
1.1 Frequency Range	70 to 75	MHz
1.2 Power	1	Watts
2.0 Microwave Switch Specifications		-
2.1 Frequency Range	70 to 75	MHz
2.2 Isolation (Minimum)	50	dB
2.3 Insertion Loss (Maximum)	0.5	dB
2.4 VSWR (Maximum)	1.5:1	-
2.5 RF Switching Speed (Maximum)	5	us
2.6 Control Switching Freq. (Maximum)	20	kHz
3.0 General Specifications		-
3.1 Connectors		-
3.1.1 RF	SMA-F	
3.1.2 Control/Bias	Solder Pins	
3.2 Logic	TTL	
3.2 Control		
	<u>TTL CNTL</u>	<u>Mode</u>
	" 0 "	Insertion Loss
	" 1 "	Isolations
3.3 DC Power Requirements		
3.3.1 Positive Supply	+5+/-5%	Vdc
3.3.2 Positive Supply Current (Max)	300	mA
3.3.3 Negative Supply Voltage	-12+/-5%	Vdc
3.3.4 Negative Supply Current (Max)	40	mA
3.4 Environmental Requirements		
3.4.1 Temperature		
3.4.1.1 Operating	-20 to +85	Degrees C
3.4.1.2 Storage	-55 to +125	Degrees C
3.4.2 Cooling:	Conduction cooling through surface of switch body	
3.5 Dimensions	Refer to outline drawing	

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APPROVED: _____ DATE: _____

REV. A REVISED PER ECN 2396

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