



SPECIFICATIONS

Parameter	Value	Remarks
Frequency range	2-6GHz	
Insertion loss	1dB max	
Input / Output VSWR	1.5:1	
Impedance	50 ohm	
Input CW power	30W max	
Isolation	35dB Typical	30dB min
Switching time	1.5uSec @ -30V	3.5uSec @ -15V
Dimensions	40 x 29.5 x 15.4 mm	Excluding Connectors
Operating temperature	-50°C to +85°C	
Power consumption	5V = 50mA max -15V/-30V = 10mA max	
Control	2 discrete input lines	10KHz input impedance

PINOUT

Pin #	Name	Function
1	+5V	Positive supply +5V 100mA max
2	-15V	Negative supply -15V
3	CMD	Switching command between port1 or port
4,5	GND	Connect 1 pin as a twisted pair with the CMD pin. Connect the 2nd pin as the supply voltages ground.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS				FINISH: Nickel		A		DO NOT SCALE DRAWING		REVISION A	
SURFACE FINISH:										MTI Engineering	
TOLERANCES:										TITLE:	
LINEAR:										SPDT20006000M30W-M-00 C- band RF SPDT ICD	
DRAWN	ALEX Z.	A.Z.	15.5.13							DWG NO.	250002
CHK'D	ALEX Z.	A.Z.	15.5.13								A3
APPV'D	OFIR G.	O.G.	15.5.13								
MFG											
Q.A						MATERIAL:					
						WEIGHT:				SCALE:2:1	SHEET 1 OF 1