


**NOTES:**

1. USE 101-0162-02 PCB.
2. CAUTION:  
CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE  
TO DAMAGE BY ELECTROSTATIC DISCHARGE (ESD)
3. Transmission lines connected to J1, J2, and J3 should  
have exactly the same electrical length.
4. The path from J2 to J3 including the distance through the part should have  
the same length as J4 and J5 and be in parallel to J4 and J5

**5. T-line Description**

H = 28 mils  
 T = 2.1 mils  
 W = 47 mils  
 G = 30 mils  
 Er = 4.4

UNLESS OTHERWISE SPECIFIED DIMENSIONS AND TOLERANCES ARE IN INCHES AND APPLY TO THE FINISHED PART TOLERANCES ARE: FRACTIONS DECIMALS * .XX ± .01 .XXX ± .005		CONTRACT NO.		 <b>Peregrine Semiconductor</b> 9450 Carroll Park Drive, Suite 100 San Diego, CA 92121			
		DRAWN	DATE				
DO NOT SCALE DRAWING				<b>PE4283 SC70 SPDT Switch EK</b>			
		ENGINEER	DATE				
MATERIAL		CHECKED	DATE	SIZE	CAGE CODE	DWG NO.	REV
FINISH		APPROVED	DATE	<b>A</b>		<b>102-0322</b>	<b>02</b>
SIMILAR TO	MARKING SYMBOL	ISSUED	DATE	SCALE:	DATE	Sheet 1 of 1	
				<b>NONE</b>	<b>Friday, May 05, 2006</b>		

**Peregrine Semiconductor Corporation**  
**PE4283 SC70 SPDT Switch EK Revised: Oct 26, 2005**  
**Bill Of Materials**

Item	Quantity	Reference	Value	Part Description	Manufacturer	Manufacturer PN	Supplier	Supplier PN	Notes
1	5	J1,J2,J3,J4,J5	50 Ohm	CONN JACK END LAUNCH PCB .187" G	Johnson Components Inc.	142-0701-801	DigiKey	J502-ND	
2	2	J6,J7	HEADER 2	CONN HEADER 2POS .100 VERT TIN	Molex/Waldom Electronics Corp.	22-23-2021	DigiKey	WM4200-ND	
3	2	R1,R2	1K	SMD Thick Film Chip Resistor, 1K, 1/16W, 5%, 0603	Xicon	301-1K	Mouser Electronics	301-1K	
4	1	U1	PE4283/SC70-6						
5	1			PCB	Peregrine	101-0162-02	direct		

102-0322-02