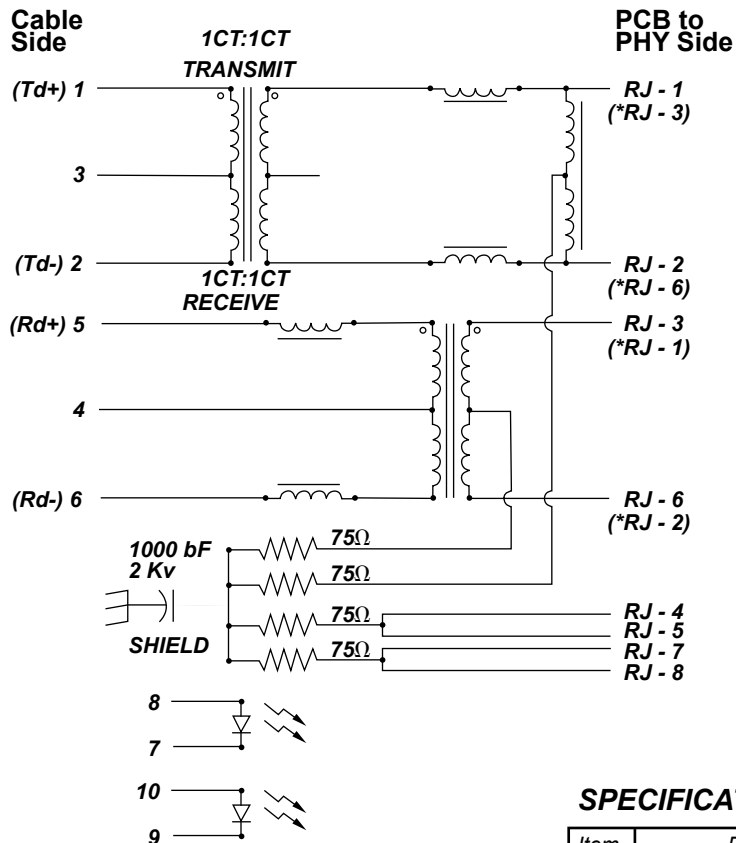


Rev					Apv.	Date	SMP TECHNOLOGY, INC.
0	Issued				A.M.	04/01/02	
A	Revised for RoHS Compliance				WHS	06/12/06	
							RJ45 JACK, 8P6C, W/LED W/ TRANSFORMER,
							10/100 BASE FILTER - SINGLE PORT
SCALE		MAT'L		FINISH			
TOL. DEC.	X +/-	XX +/- 0.25	XXX +/- 0.15	ANGLE +0.45/-0.15	UNIT: mm	P/N: A3012 - 01S - ST2 - 90G - XXT - Z	Pg: 1 of 2

PINOUT

PIN	SYMBOL
1	Td+
2	Td-
3	Tct
4	Rct
5	Rd+
6	Rd-
7	LED1-
8	LED1+
9	LED2-
10	LED2+



SPECIFICATION:

Item	Parameter	Condition	Min.	Typ.	Max.	Unit	REMARK
1	Insertion loss	1-100 MHz		0.8	1.0	dB	
2	Return loss	1-30 MHz	-18	-22		dB	
		30-60 MHz	-16	-18		dB	
		60-80 MHz	-10	-12		dB	
3	OCL	100 MHz	350	400		mH	8mA DC BIAS
4	Crosstalk (Pair To Pair) (LED To Tx/Rx)	0-100 MHz	-35	-38		dB	
		0-100 MHz	-50	-60		dB	
5	Hipot (ISOLATION)		1.5	2		V AC	
6	Common Mode Impedance	0-10 MHz	3K	3.5K		Ω	
		10-100 MHz	550	575		Ω	
7	Direct Current Resistance		1.0	0.5		Ω	DC
8	Common to Com. Rejection	1-100 MHz	-30			dB	

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				10/100 BASE FILTER - SINGLE PORT	
SCALE	MAT'L	FINISH		P/N: A3012-01S-ST2-90G-XXT-Z	
TOL. DEC.	.X +/-	.XX +/- 0.25	.XXX +/- 0.15	ANGLE +0.45/-0.15	UNIT: mm