

SAMPLES TEST REPORT

PART NO.	ATPL-189	DATE	2004/6/26								
DESCRIPTION	TRANSFORMER										
ITEM	TEST CONDITION @ 25	SAMPLES NO. TEST PIN	1	2	3	4	5	SPECIFICATION			
								Min	Typ	Max	
OCL (uH)	100KHz/0.1Vrms 8mA/DC Bias	1-2=17-16	825	798	843	850	839	350			
		4-5=20-19	801	876	896	829	869				
		6-7=14-15	813	794	851	891	805				
		9-10=11-12	828	794	886	872	801				
L.L (uH)	1MHz	1-2(short17-16)	0.33	0.33	0.28	0.28	0.29			0.5	
		4-5(short20-19)	0.30	0.34	0.27	0.28	0.31				
		6-7(short14-15)	0.30	0.34	0.29	0.30	0.31				
		9-10(short11-12)	0.30	0.29	0.26	0.29	0.27				
CW/W (pF)	100KHz/0.2V	3 to 18	46.9	43.2	48.8	45.4	44.0			50	
		8 to 13	45.6	44.9	47.9	46.3	47.6				
DCR (OHM)		17-16	0.59	0.55	0.50	0.57	0.59			0.9	
		20-19	0.59	0.56	0.50	0.64	0.59				
		14-15	0.60	0.53	0.51	0.57	0.57				
		11-12	0.57	0.51	0.54	0.60	0.62				
HI-POT (Vrms)	1500Vrms	PRI/SEC	PASS	PASS	PASS	PASS	PASS	1S			
TURNS RATIO (±5%)	1MHz/正弦波	1-2:17-16	PASS	PASS	PASS	PASS	PASS	1CT:1CT			
		4-5:20-19	PASS	PASS	PASS	PASS	PASS				
		6-7:14-15	PASS	PASS	PASS	PASS	PASS				
		9-10:11-12	PASS	PASS	PASS	PASS	PASS				
Insertion Loss (dB Min)	0.3-100MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-1.15			
Cross talk (dB Min)	0.3-100MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-38			
Return Loss (dB Min)	0.3-30 MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-18			
	30-60 MHz		PASS	PASS	PASS	PASS	PASS	-14			
	60-80 MHz		PASS	PASS	PASS	PASS	PASS	-12			
CMRR (dB)	0.3-100MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-40			
REMARK:											

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DESCRIPTION	TRANSFORMER										
ITEM	TEST CONDITION @ 25	SAMPLES NO. TEST PIN	6	7	8	9	10	SPECIFICATION			
								Min	Typ	Max	
OCL (uH)	100KHz/0.1Vrms 8mA/DC Bias	1-2=17-16	797	769	740	793	826	350			
		4-5=20-19	878	760	765	890	792				
		6-7=14-15	785	754	773	863	787				
		9-10=11-12	829	773	778	900	820				
L.L (uH)	1MHz	1-2(short17-16)	0.33	0.30	0.28	0.31	0.28			0.5	
		4-5(short20-19)	0.31	0.28	0.31	0.28	0.29				
		6-7(short14-15)	0.35	0.27	0.30	0.31	0.29				
		9-10(short11-12)	0.32	0.29	0.24	0.28	0.37				
CW/W (pF)	100KHz/0.2V	3 to 18	46.2	48.6	48.7	44.6	44.9			50	
		8 to 13	44.9	48.8	47.2	49.8	44.7				
DCR (OHM)		17-16	0.56	0.54	0.53	0.62	0.56			0.9	
		20-19	0.58	0.54	0.50	0.60	0.67				
		14-15	0.54	0.55	0.54	0.54	0.63				
		11-12	0.52	0.54	0.50	0.55	0.62				
HI-POT (Vrms)	1500Vrms	PRI/SEC	PASS	PASS	PASS	PASS	PASS	1S			
TURNS RATIO (±5%)	1MHz/正弦波	1-2:17-16	PASS	PASS	PASS	PASS	PASS	1CT:1CT			
		4-5:20-19	PASS	PASS	PASS	PASS	PASS				
		6-7:14-15	PASS	PASS	PASS	PASS	PASS				
		9-10:11-12	PASS	PASS	PASS	PASS	PASS				
Insertion Loss (dB Min)	0.3-100MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-1.15			
Cross talk (dB Min)	0.3-100MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-38			
Return Loss (dB Min)	0.3-30 MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-18			
	30-60 MHz		PASS	PASS	PASS	PASS	PASS	-14			
	60-80 MHz		PASS	PASS	PASS	PASS	PASS	-12			
CMRR (dB)	0.3-100MHz	TX/RX	PASS	PASS	PASS	PASS	PASS	-40			
REMARK:											