

ELECTRICAL CHARACTERISTICS AT +25°C

No.	PARAMETER	SPECIFICATION
1	TURNS RATIO: @10KHz, 0.1VRMS:	$\frac{(40-39)}{(1-3)} = \frac{(35-34)}{(6-8)} = \frac{(30-29)}{(11-13)} = \frac{(25-24)}{(16-18)} = 2.0 \pm 2\%$ $\frac{(38-36)}{(4-5)} = \frac{(33-31)}{(9-10)} = \frac{(28-26)}{(14-15)} = \frac{(23-21)}{(19-20)} = 2.0 \pm 2\%$ $\frac{(1-2)}{(2-3)} = \frac{(6-7)}{(7-8)} = \frac{(11-12)}{(12-13)} = \frac{(16-17)}{(17-18)} = 1.0 \pm 2\%$ $\frac{(38-37)}{(37-36)} = \frac{(33-32)}{(32-31)} = \frac{(28-27)}{(27-26)} = \frac{(23-22)}{(22-21)} = 1.0 \pm 2\%$
2	INDUCTANCE (OCL): @100KHz, 0.02VRMS	$(40-39)=(35-34)=(30-29)=(25-24) = 1.2 \text{ mH MINIMUM}$ $(38-36)=(33-31)=(28-26)=(23-21) = 1.2 \text{ mH MINIMUM}$
3	LEAKAGE INDUCTANCE (LL) @100 KHz, 0.02 VRMS	$(1-3) \text{ WITH } (40-39) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(4-5) \text{ WITH } (38-36) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(6-8) \text{ WITH } (35-34) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(9-10) \text{ WITH } (33-31) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(11-13) \text{ WITH } (30-29) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(14-15) \text{ WITH } (28-26) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(16-18) \text{ WITH } (25-24) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$ $(19-20) \text{ WITH } (23-21) \text{ SHORTED} = 0.7 \text{ uH MAXIMUM}$
4	CWW @ 100 KHz, 1.0 VRMS	$(1-3) \text{ TO } (40-39) = 35 \text{ pF MAXIMUM}$ $(4-5) \text{ TO } (38-36) = 35 \text{ pF MAXIMUM}$ $(6-8) \text{ TO } (35-34) = 35 \text{ pF MAXIMUM}$ $(9-10) \text{ TO } (33-31) = 35 \text{ pF MAXIMUM}$ $(11-13) \text{ TO } (30-29) = 35 \text{ pF MAXIMUM}$ $(14-15) \text{ TO } (28-26) = 35 \text{ pF MAXIMUM}$ $(16-18) \text{ TO } (25-24) = 35 \text{ pF MAXIMUM}$ $(19-20) \text{ TO } (23-21) = 35 \text{ pF MAXIMUM}$
5	DCR	$(1-3) = (4-5) = (6-8) = (9-10) = 0.8 \text{ OHMS MAXIMUM}$ $(11-13) = (14-15) = (16-18) = (19-20) = 0.8 \text{ OHMS MAXIMUM}$ $(40-39) = (38-36) = (35-34) = (33-31) = 1.2 \text{ OHMS MAXIMUM}$ $(30-29) = (28-26) = (25-24) = (23-21) = 1.2 \text{ OHMS MAXIMUM}$
6	HIPOT (Pri TO Sec)	1500 VRMS FOR 60 SECONDS

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DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
CT,T1,QTERA,1CT:2,1:2CT OH	PS-0002.002-B	2	TX1534QNL	M13