

# RESONANT TRANSFORMER REQUEST FORM



Date	dd/mm/yy		
Company	Name		
Applicant	Address		
	Name		
	Phone NR		
	e-mail		
Final equipment name			
Required sample qty	pcs		
Desired sample delivery date	dd/mm/yy		
Expected mass production start date	dd/mm/yy		
Expected qty	curr. year	+1 year	+2 year
Target price	€	US\$	
PCB Layout	Ready	(Y/N) (Yes → attach required dimensions/pin arrangement)	
	To be designed/revised	(Y/N)	

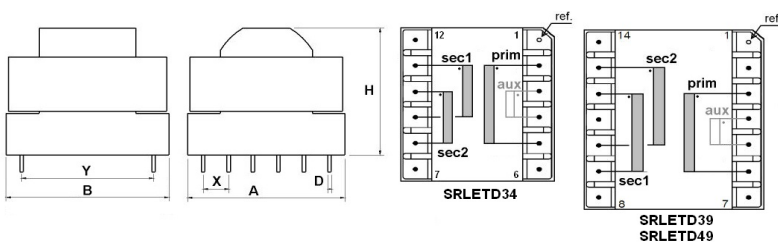
Input DC Voltage from main or PFC stage	Min	V(dc)		
	Rated	V(dc)		
	Max	V(dc)		
Switching Frequency	Min	KHz		
	Rated	KHz		
	Max	KHz		
Primary Inductance	Lp	μH		
(sec. open) not to be confused with magnetizing inductance Lm				
Primary Leakage Inductance	Lm	μH		
(sec. shorted) resonant inductance value Lr				
Power outputs voltage/current		Single (S) Center Tap (CT)	Rectifier diode F <sub>w</sub> V(dc) <sup>(1)</sup>	Turns Ratio (pri/sec1)
	1			
	2			
	3			
(1) show the single diode V <sub>i</sub> max in both case, center tap sec. (2 diodes) or single sec. (rectifier bridge)				
Auxiliary winding	requir.(Y/N)	V(dc)	mA(dc)	
Ambient temperature	Max	°C		
Safety requirements	Pri/Sec dielectric strength	creepage	clearance	DTI (through insulation)
Other binding requirements				
Other desired requirements				



Resonant transformer request – rev.05 18.05.2010

### optimal layouts

### Dimensions



	ETD34	ETD39	ETD49	
A	35.5	42.0	50.4	mm max
B	36.6	43.3	50.0	mm max
H	25.2	29.9	38.2	mm max
X	5.5	5.8	7.0	mm
Y	28.0	36.1	41.6	mm
D	0.8	0.8	1.0	mm max