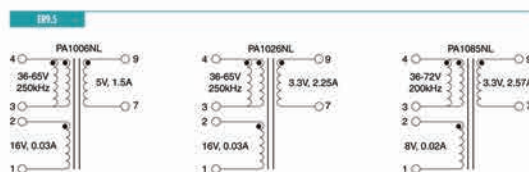
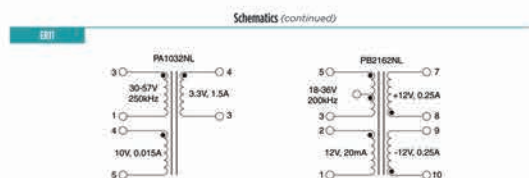
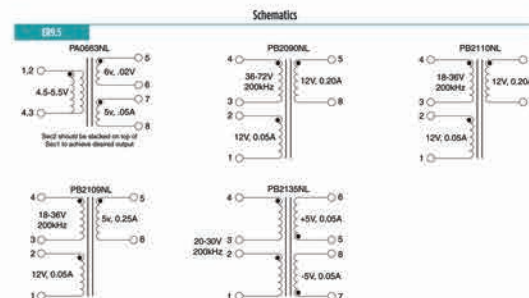
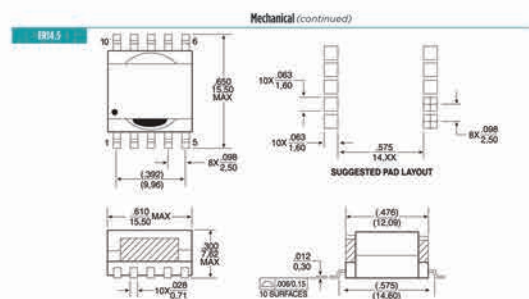




High Frequency Wire Wound Transformers

YCER Platforms – ER9.5, ER11 and ER14.5

- Transformers and Inductors
- Power: 1W to 9W
- Three Different SMT Platforms
- Custom designs available



Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C											
Part ^{1,4} Number	Application ²	Turns Ratio			Primary Secondary Isolation	Primary Inductance (μH MIN)	Leakage Inductance (μH MAX)	DCR (mΩ MAX)			
		Pri.	Sec.	Pri. Aux.				Pri.	Pri. Aux.	Sec. A	Sec. B
ER9.5 - 8 PIN SMT - (12.1mm x 10.7mm x 6.6mm MAX)											
YCER9.5-1	2.4W Flyback Transformer Vin=36-72V, Freq.=200kHz Vout=12v/0.2A, 12v/0.5mA	1	0.33	0.330	1500Vdc Operational	132 @ 0.41A	5	700	820	185	N/A
YCER9.5-2	1.25W Flyback Transformer Vin=18-36v, Freq.=200kHz Vout=5v/0.25A, 12v/50mA	1	0.714	0.287	1500Vdc Operational	62 @ 0.52A	3	350	650	50	N/A
YCER9.5-3	2.4W Flyback Transformer Vin=18-36v, Freq.=200kHz Vout=12v/0.2A, 12v/50mA	1	0.68	0.680	1500Vdc Operational	32 @ 0.8A	2	180	820	185	N/A
YCER9.5-4	.5W Flyback Transformer Vin=20-30v, Freq.=200kHz Vout=±5v/50mA	1	0.42 0.42	N/A	1000Vdc Operational	814 @ 0.8A	11	572	N/A	364	364
YCER9.5-5	2.6W Flyback Transformer Vin=4.5-5.5V, Freq.=200kHz Vout=±5v/0.5A, 6v/0.02mA	1	1.11 (5v) 1.33 (6v)	N/A	2500Vdc Operational	4.6	0.15	100	N/A	97	73
ER11 - 10 PIN SMT - (12.7mm x 11.4mm x 6.6mm MAX)											
PA103ZNL	5W Flyback Transformer Vin=30-57V, Freq.=250kHz Vout=3.3v/1.5A, 10v/15mA	1	0.166	0.500	1500Vdc Operational	46.6	1.65	380	250	15	N/A
PB276ZNL	6W Flyback Transformer Vin=18-36v, Freq.=200kHz Vout=±12v/0.25A, 12v/20mA	1	0.393	0.393	500Vdc Operational	85 @ 0.8A	2.5	490	1100	298	298
ER14.5 - 10 PIN SMT - (16.5mm x 15.5mm x 7.6mm MAX)											
PA1006NL	5W Flyback Transformer Vin=30-57v, Freq.=250kHz Vout=3.3v/1.5A, 10v/15mA	1	0.154	0.462	1500Vdc Operational	152	5	670	750	21	N/A
PA1026NL	5W Flyback Transformer Vin=30-57v, Freq.=250kHz Vout=3.3v/1.5A, 10v/15mA	1	0.115	0.500	1500Vdc Operational	152	5	670	830	10	N/A
PA1085NL	5W Flyback Transformer Vin=30-57v, Freq.=250kHz Vout=3.3v/1.5A, 10v/15mA	1	0.115	0.269	1500Vdc Operational	152	5	670	450	10	N/A

