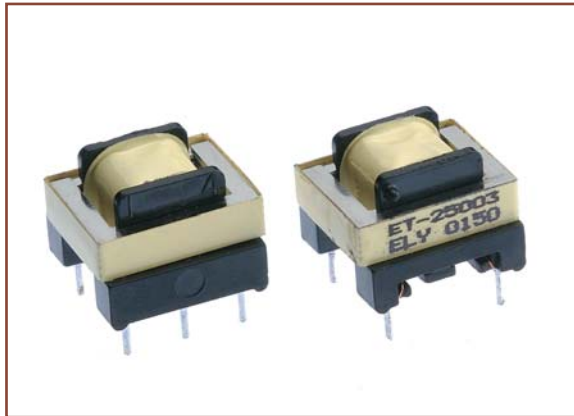


ET-25000 SERIES



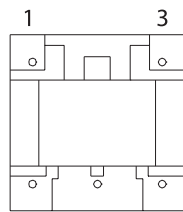
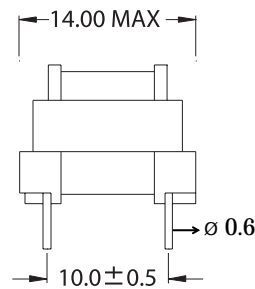
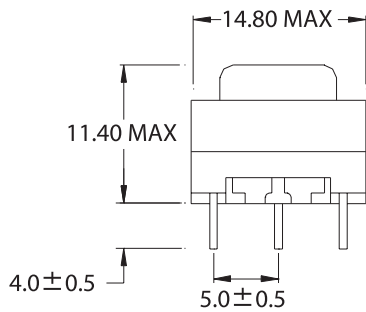
Pocket/Laptop Modem Transformers

LR 110551 E 144311

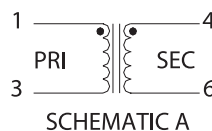


- Small size, suitable for laptop and pocket modem applications
- Pin-compatible series allows upgrade path for faster modem speeds

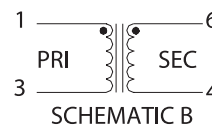
Mechanical Dimensions:



(BOTTOM VIEW)



SCHMATIC A



SCHMATIC B

UNIT:mm

Specifications	ET-25001	ET-25002	ET-25003	ET-25004	ET-25005	ET-25006	ET-25009	ET-25010	Unit
Suitable for modem speed up to:	V.29 V.22bis	V.29 V.22 bis	V.32bis	V.32bis	V.34bis	V.34bis	V.32	V.32bis	-----
Reflects 600 ohms at PRI with R load =	600	600	442	442	348	324	600	402	ohms
D.C. Resistance, 20°C, ± 10%, PRI	46.5	52	80	86	152	135	52	105	ohms
D.C. Resistance, 20°C, ± 10%, SEC	67.6	59	87	91	151	143	75	105	ohms
Frequency Response, 300 to 3500 Hz	± 0.25	± 0.5	± 0.25	± 0.5	± 0.5	± 0.25	± 0.20	± 0.13	dB
Insertion Loss at 1 KHz, 20°C, max.	1.25	1.5	2.0	2.0	3.25	3.0	1.15	2.25	dB
Return Loss vs. 600 ohms at 300 Hz	21 min	23 typ	21 min	22 typ	20 typ	35 typ	22.5 min	26 min	dB
Return Loss vs. BS6305 (a) network	n/a	14 min	n/a	14 min	14 min	n/a	n/a	n/a	dB
Dielectric Test PRI-SEC	1250	3750	1250	3750	3750	1250	1250	1250	V AC
Direct Current PRI, maximum	none	none	none	none	none	none	none	none	mA DC
Turns Ratio (PRI:SEC), ± 2%	0.92:1	1:1	1:1	1:1	1:1	1:1	0.92 :1	1:1	-----
Longitudinal Balance, 60 to 1000 Hz, min.	60	60	60	60	60	60	60	60	dB
Longitudinal Balance, 1000 to 4000 Hz, min.	40	40	40	60	60	40	40	40	dB
Total Harmonic Dist., 600 Hz, -10 dBm	-68 typ	-68 typ	-76 max	-76 max	-83.6 typ	-82 max	-71 max	-76 max	dB
Schematic	B	A	B	A	A	B	B	B	-----

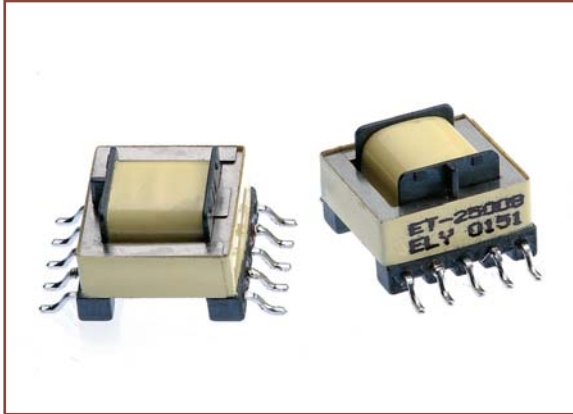
ET-25000 SERIES



Pocket/Laptop Modem Transformers

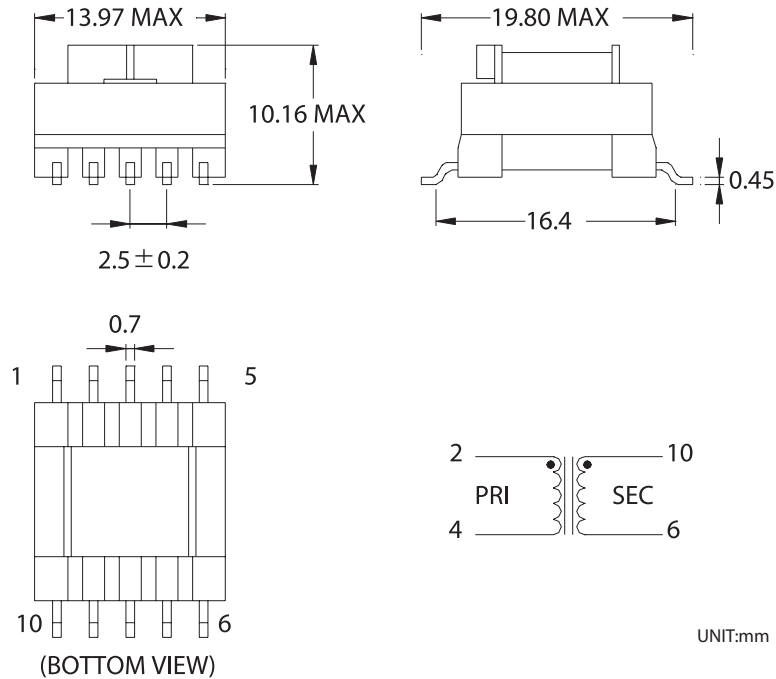
LR 110551 E 144311

ET - 25000 SERIES



- Small size, suitable for laptop and pocket modem applications
- Pin-compatible series allows upgrade path for faster modem speeds

Mechanical Dimensions:



Specifications	ET-25007	ET-25008	ET-25011	ET-25012	Unit
Suitable for modem speed up to:	V.34	V.34	V.34	V.32	-----
Reflects 600 ohms at PRI with R load =	442	287	442	442	ohms
D.C. Resistance, 20°C, ± 10%, PRI	82.5	150	82.5	82.5	ohms
D.C. Resistance, 20°C, ± 10%, SEC	93.4	160	87.5	87.5	ohms
Frequency Response, 300 to 3500 Hz	± 0.25	± 0.25	± 0.25	± 0.25	dB
Insertion Loss at 1 KHz, 20°C, max.	1.75	3.65	1.75	1.75	dB
Return Loss vs. 600 ohms at 300 Hz	25 min	35 typ	20 min	25 min	dB
Return Loss vs. BS6305 (a) network	n/a	n/a	n/a	n/a	dB
Dielectric Test PRI-SEC	1250	1250	1250	1250	V AC
Direct Current PRI, maximum	none	none	none	none	mA DC
Turns Ratio (PRI:SEC), ± 2%	1:1	1:1	1:1	1:1	-----
Longitudinal Balance, 60 to 1000 Hz, min.	60	60	60	60	dB
Longitudinal Balance, 1000 to 4000 Hz, min.	40	40	40	40	dB
Total Harmonic Dist., 600 Hz, -10 dBm	-76 max	-82 max	-82 max	-76 max	dB