

CET LOW PROFILE MODEM COUPLERS

- TUV, BAPT Pending
- UL Approved to UL1459 #E167631, UL 1950
- Small size, low profile
- Designed for modem speeds from V.22 TO V.34

Part No.	Fig. No.	Impedance PRI:SEC	maDC Unbal. IL dB	FR ±dB	PRI DCR	SEC DCR	Sch.	Cross Ref.	Modem Speed	HIPOT VAC
UL-770713	C	600:600	90	2.0	1	68	91	13	TTC142/TTC143	1500
UL-771220	C	600:600	90	3.0	.90	100	210	12	671-1600	1500
UL-790709	C	600:1200CT	90	1.6	.50	75	190	14	671-1489	1500
SA-80415-1	A	600:600	0	.85	.20	43	43	12	671-1538	V.32 1250
SA-810281	B	600:470	100	2.0	.65	108	120	11A	671-8015/ 8001	V.29 1250
SA-810525	B	600:374	0	2.0	.25	108	120	11A	671-8025	V.32 bis 1250
SA-810672	B	600:374	0	2.0	.25	108	120	11A	671-8031	V.32 bis 1250
SA-810727	B	600:600	0	1.75	.15	95	100	11A	671-8000	1500
SA-810894	C	600:464	80	2.0	.50	80	100	12	671-8273	V.32 bis 1250
SA-830139	B	600:301	0	2.0	.25	150	150	11A	671-8039	V.32 bis 1250
SA-830175	A	600:374	0	2.0	.25	108	120	12	671-8262	V.34 1250
SA-830373	B	600:412	0	1.75	.15	95	100	11A	671-8041	V.34 1250

NOTES:

1. Typical Insertion Loss (IL) IN dB @ Rated Unbalanced maDC, 0 dBm & 1kHz.
2. Typical frequency response (FR) from .3 to 3.5kHz.
3. CT indicates winding can be connected as a centertapped winding or as two isolated windings.
4. Suitable for modem speeds from V.22.

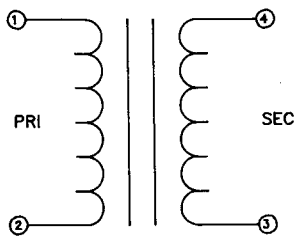
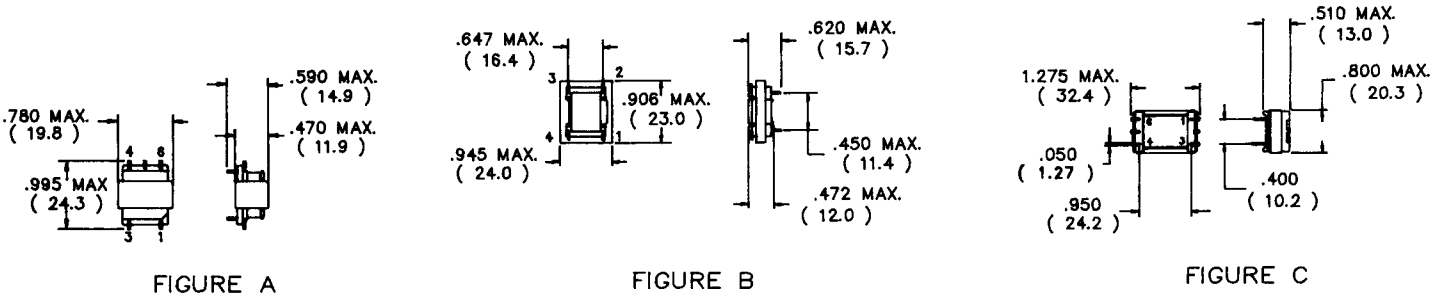


FIGURE 11A

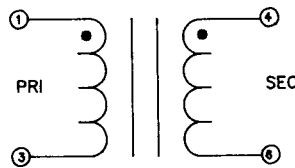


FIGURE 12

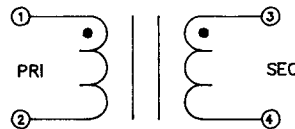


FIGURE 13

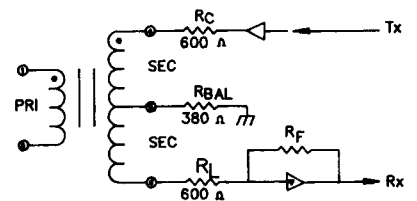


FIGURE 14



CET POCKET/LAPTOP MODEM COUPLERS

- TUV, BABT Pending
- UL Approved to UL1459 #E167631, UL 1950
- Small size.
- Designed for laptop and pocket modem applications
- Suitable for modem speeds from V.22 to V.34

Part No.	Fig. No.	Impedance PRI:SEC	maDC Unbal.	IL dB	FR +dB	PRI DCR	SEC DCR	SCH.	CROSS REF.	Modem Speed	HIPOT VAC
SA-80323	D	600:600	0	1.25	.25	49	65	15	SPT-015		1500
*SA-801135	E	600:600	0	1.5	.50	52	59	15	671-8240	V.29	3750
SA-810108	E	600:600	0	1.25	.25	46.5	67.6	15	671-1934	V.29	1250
SA-810155	D	600:600	0	1.5	.50	55	60	15		V.32bis	1500
*SA-810435	D	600:600	0	1.5	.50	55	60	15		V.32bis	3750
SA-810659	E	600:442	0	2.0	.25	80	87	15	671-8264	V.32bis	3750
SA-810714	E	600:600	0	1.25	.25	46.5	67.6	15	671-8255	V.32	1250
*SA-820588	E	600:442	0	2.0	.50	86	91	15	671-8265	V.32bis	3750
*SA-820831	E	600:348	0	3.25	.50	152	151	15	671-8291	V.34	3750
*SA-830305	E	600:475	0	1.5	.50	.59	.80	15	671-8257	V.32	3750

* Items are built to meet BABT creepage and clearance requirements.

NOTES:

1. Typical Insertion Loss (IL) IN dB @ Rated Unbalanced maDC, 0 dBm & 1kHz.
2. Typical Frequency Response (FR) from .3 to 3.5kHz.
3. Suitable for Modem speeds from V.29.

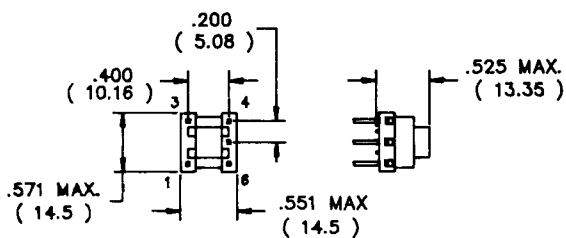


FIGURE D

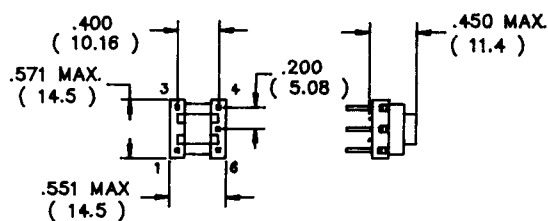


FIGURE E

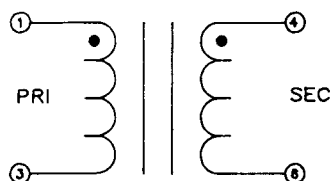


FIGURE 15



AUDIO TRANSFORMERS

• UL Approved to UL1459 #E167631, UL 1950

Part No.	Fig. No.	Impedance PRI:SEC	maDC Unbal.	IL dB	FR \pm dB	PRI DCR	SEC DCR	Sch.	Cross Ref.	HIPOT VAC	Ref
AUDIO TRANSFORMERS—"DRY"											
UL-770708	13	600:600	0	1.2	1.0	31	40	1	TTPC-2	1500	Stancor
UL-771128	14	600:600	0	-	.80	43	55	1		1500	
UL-780538	15	600:600	0	-	.40	72	90	1	TTC-02	1500	Tamura
UL-780908	6	600:600	0	.80	.50	37	51	1	671-8205	1250	MidCom
UL-781027	14	600:600	0	-	.80	43	55	1		1500	
UL-781221	28	600:560	0	1.2	1.0	70	70	1	P2001	3750	Etal
SA-80394	16	600:900	0	1.2	.50	34	54	1	TTPC-4	1500	Stancor
SA-80412	16	600:600	0	1.5	.50	32	40	1	TTPC-7	1500	Stancor
SA-810620	3	600:600	0	1.0	.50	46	63	1	T1104	1500	Microtran
SA-810258	17	100:400	0	0.75	.25	.60	ANY WINDING	9	671-5832	1500	Midcom
SA-810428	18	600:600	0	1.7	.70	47	61	1	TTC-170	1500	Tamura
SA-811144	29	600:600	0	1.3	.25	70	70	1	SPT-015	3750	Prem
SA-820423	5	600/900:600	0	0.8	.50	40	50	10	671-0603	1500	MidCom
SA-8205135	15A	600CT:600CT	0	1.2	.50	46	63	3	TTC-03	1500	Tamura
SA-821020	4	600:487	0	1.5	.50	55	72	1	671-8276	1500	MidCom
SA-821004	19	600:600	0	1.7	.50	55	69	1		1500	
SA-830140	3	600:600	0	1.5	.50	66	102	1	TL1104	1500	Microtran
SA-830350	4	600:600	0	1.2	.50	67	85	1	671-8234	1500	MidCom
SA-830542	3	600CT:600CT	0	1.5	.50	66	102	3	TL1106	1500	Microtran
SA-830545	3	600(4W):600/600	0	.70	.50	39	37/37	4	TL1220	1500	Microtran
SA-830547	10	600CT:600CT	0	1.4	.50	76	135	3	TP3106	1500	Microtran
SA-830548	9	600CT:600CT	0	1.4	.50	76	135	3	TS3106	1500	Microtran
SA-830549	10	600(4W):600/600	0	1.0	.50	49	70/70	4	TP3220	1500	Microtran
SA-830550	9	600(4W):600/600	0	1.0	.50	49	70/70	4	TS3220	1500	Microtran
AUDIO TRANSFORMERS—"WET"											
UL-770116	20	600:600	90	2.0	.50	71	117	1	T2111	1500	Microtran
UL-770229	21	600:600 Split	90	1.8	2.5	75	100	4	T9312	1500	Microtran
UL-771215	20	600:600	90	2.0	3.0	71	117	1	TTC-109	1500	Tamura
UL-771216	20	600:600 Split	90	1.8	.70	71	117	4	TTPC-13	1500	Stancor
UL-771218	5	600:600 CT Split	80	2.2	1.0	130	140	4	671-8213	1200	MidCom
UL-790708	21	600:600	90	3.0	.70	100	135	1	671-1651	1500	Midcom
SA-80353-1	5	600:600	90	1.8	.70	71	117	4	TTPC-13	1500	Stancor
SA-80392	7	600:470	100	2.5	1.0	108	120	1	671-8241	1200	MidCom
SA-80393	22	600:600CT	90	1.8	.70	71	117	2	TTPC-6	1500	Stancor
SA-80711	2	600:600	3	1.5	1.0	75	90	1	MET-46	1500	Surface mount
SA-80711SM	12	600:600	3	1.5	1.0	75	90	1	SM MET-46	1500	Surface mount
SA-80807	1	600:600	50	1.5	1.3	49	76	1	TTC-218	1500	Tamura
SA-80807SM	11	600:600	50	1.5	1.3	49	76	1	SM TTC-218	1500	Surface mount
SA-80917	23	600:600 Split	75	1.7	.50	100	49/49	5	T5114	1500	Microtran
SA-810259	30	600CT:600CT	100	1.2	-	65	55	3	42TL016	1500	Mouser
SA-810579	24	600:600	50	1.3	.50	75	76	5	SPT-196	1500	Prem
SA-810662	22	600:600	90	2.0	3.0	65	110	1	TTC-105	1500	Tamura
SA-810650	23	600:600	120	1.3	.50	66	105	5	SPT-1114	3750	Prem
SA-810746	23	600:600	80	1.1	.50	60	-	1	TTPC-15	1500	Stancor
SA-820264	31	600CT:600CT	14.17	2.0	2.0	70	55	3	42TL016	1500	Mouser
SA-8204105	16	600:600	80	2.5	1.0	62	86	1	A19M-HH-1/A4	1500	MPI
SA-820429	31	1kCT:8CT	14.17	2.0	2.0	60	1	3	42TL013	1500	Mouser
SA-8205132	26	600/900:600/900	75	.50	.50	28	34	8	671-1770	1100	Midcom
SA-820540	27	600:600	80	2.2	1.0	130	70/70	4	671-8203	1200	Midcom
SA-820578	25	1200:600	3	1.2	.50	98	38	7	TTC-128	700	Tamura
SA-830543	8	600CT:600Split	60	1.8	.50	73	134	6	TL1114	1500	Microtran
SA-830544	8	600CT:600Split	90	1.6	1.3	63	103	6	TL1111	1500	Microtran
SA-830546	8	600(4W):600/600	70	1.8	.70	98	78/78	4	TL1320	1500	Microtran

NOTES: 1. Typical Insertion Loss (IL) IN dB @ Rated Unbalanced maDC, 0 dBm & 1kHz.
2. Typical frequency response (FR) from .2 to 4kHz.



CET AUDIO TRANSFORMERS

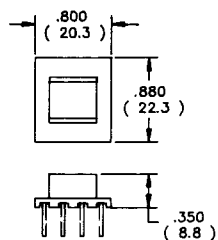


FIGURE 1

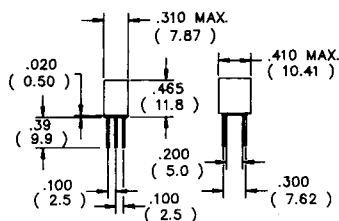


FIGURE 2

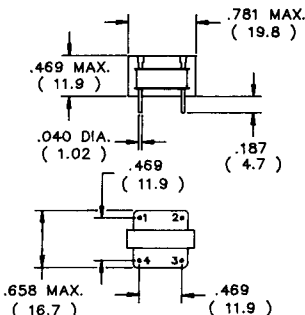


FIGURE 3

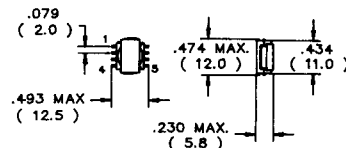


FIGURE 4

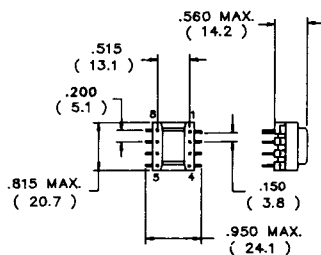


FIGURE 5

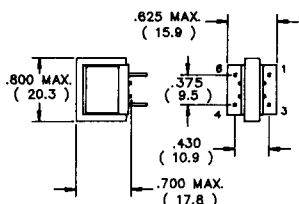


FIGURE 6

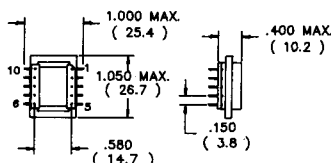


FIGURE 7

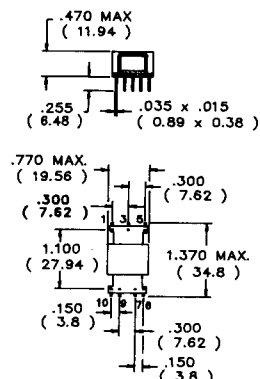


FIGURE 8

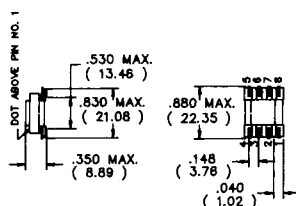


FIGURE 9

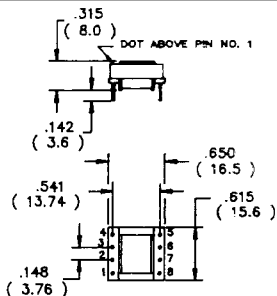


FIGURE 10

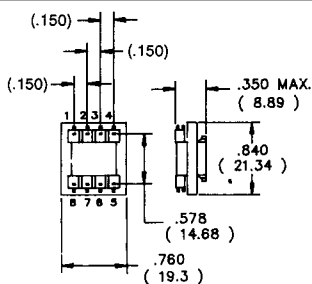


FIGURE 11

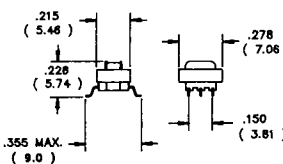


FIGURE 12

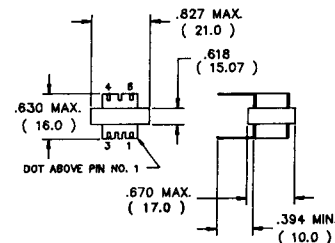


FIGURE 13

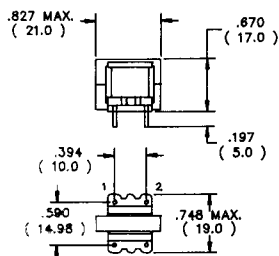


FIGURE 14

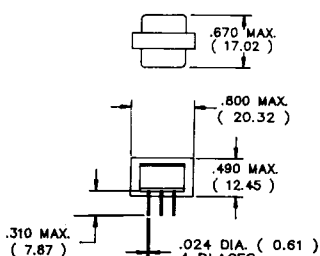


FIGURE 15

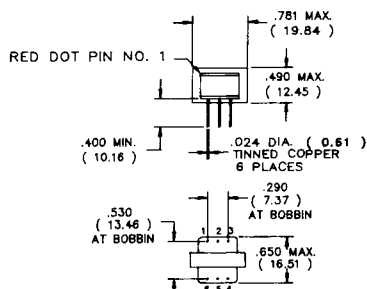


FIGURE 15A

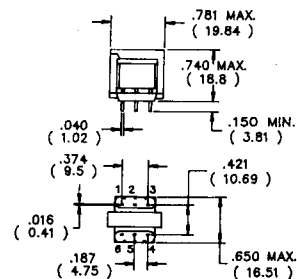


FIGURE 16



CET AUDIO TRANSFORMERS

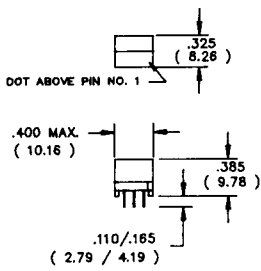


FIGURE 17

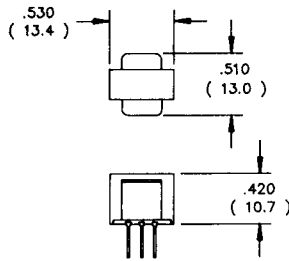


FIGURE 18

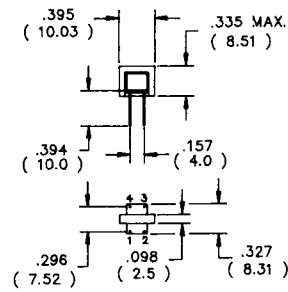


FIGURE 19

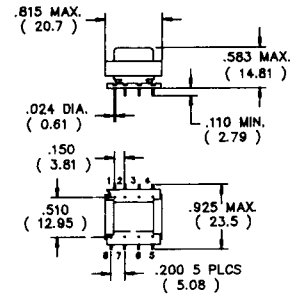


FIGURE 20

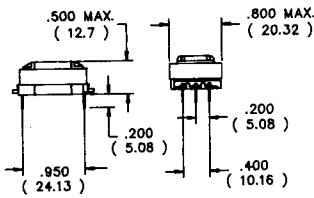


FIGURE 21

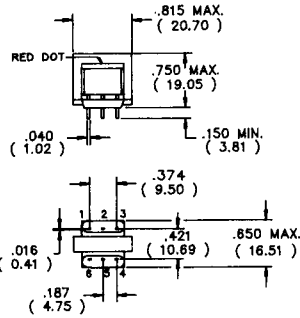


FIGURE 22

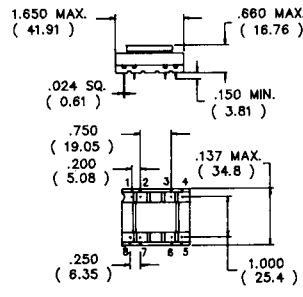


FIGURE 23

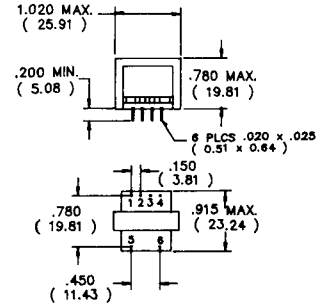


FIGURE 24

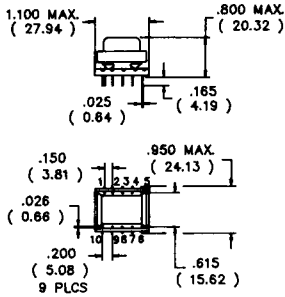


FIGURE 25

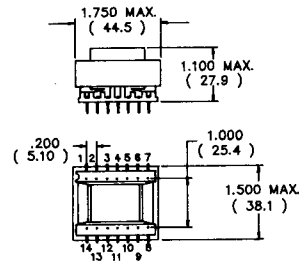


FIGURE 26

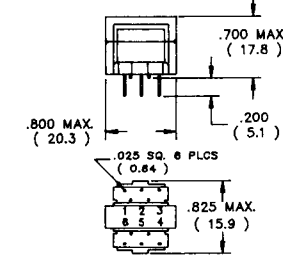


FIGURE 27

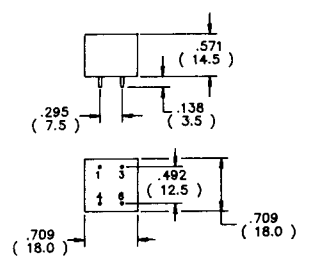


FIGURE 28

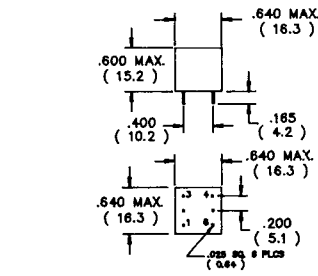


FIGURE 29

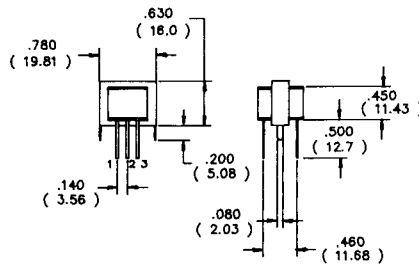


FIGURE 30

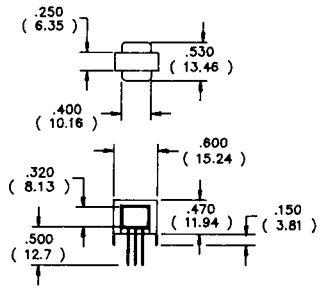


FIGURE 31

