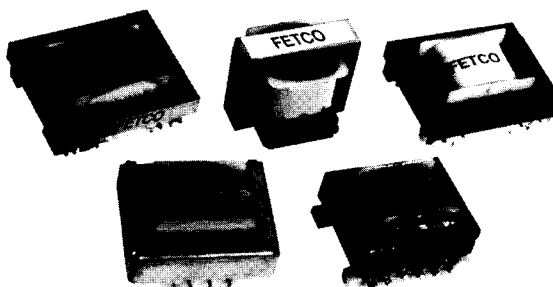


TELEPHONE COUPLING AUDIO TRANSFORMERS



Features:

- Provides line isolation, impedance matching and line balancing
- Meets FCC Part 68
- Designed for interconnect of Voice/Data Modem Terminals to Telephone Lines

Specifications:

ELECTRICAL

Power level: -45 dBm to +7 dBm
 Longitudinal balance: Per FCC 68.310 60 dB min.
 Dielectric strength: Per FCC 68.304 1500 VRMS
 Frequency range: 300 to 3500 Hz

MECHANICAL

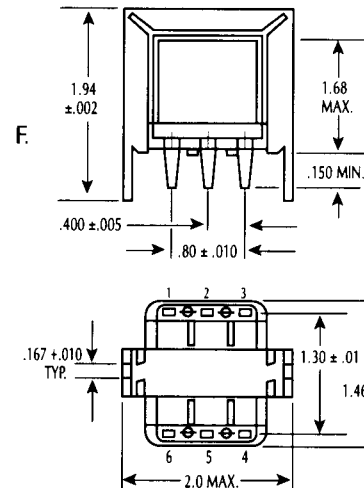
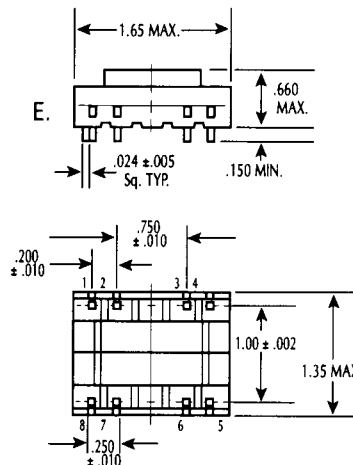
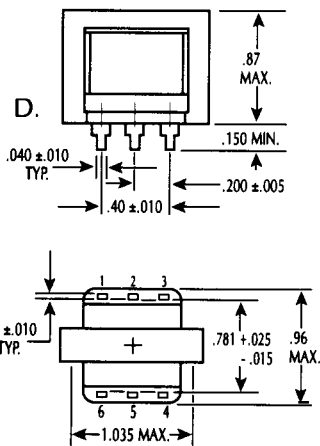
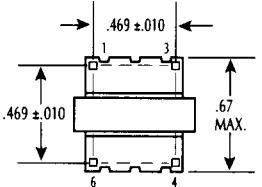
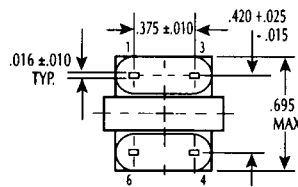
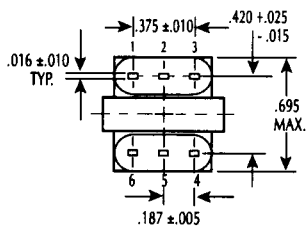
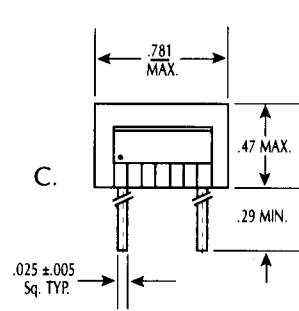
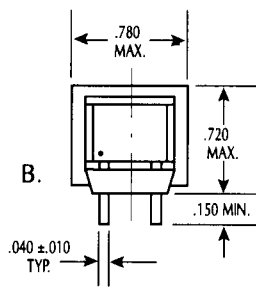
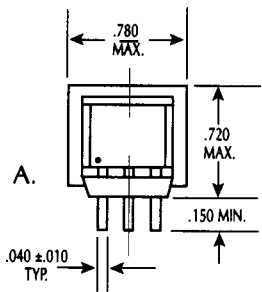
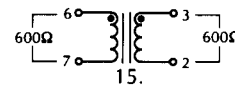
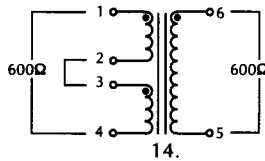
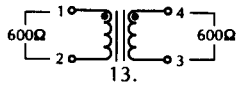
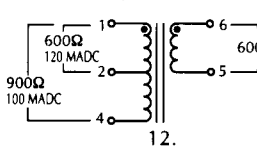
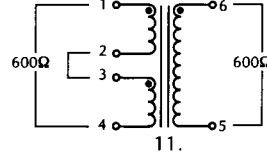
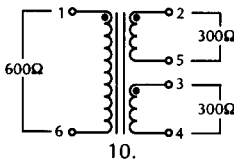
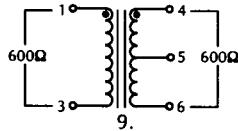
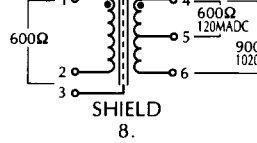
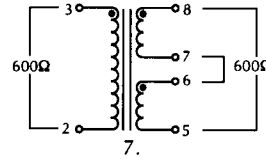
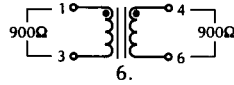
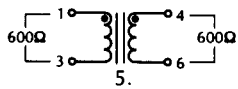
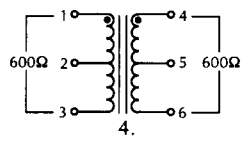
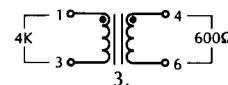
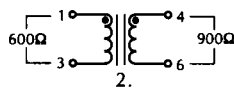
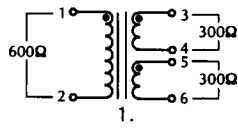
Coating: Vacuum impregnated with polyester varnish
 Terminals: PC type plug-in terminals

STANDARD ELECTRICAL SPECIFICATIONS @ 25°C

CATALOG NUMBER	IMPEDANCE PRI	IMPEDANCE SEC	COUPLING APPLICATION	UNBALANCED DC CURRENT (MA)	RETURN LOSS MIN. (dB)	INSERTION LOSSES @ 1 KHz (dB)	FREQUENCY RESPONSE REF. @ 1KHz (dB)	IMPEDANCE MATCHING (%)	DISTORTION (%)	STYLE	SCHEMATIC NO.
FATC - 401	600Ω	600Ω	DATA / VOICE	0	26	1.0	±0.5	±10	0.5	C	5
FATC - 402	600Ω	600Ω	DATA / VOICE	0	26	1.0	±0.5	±10	0.5	J	5
FATC - 403	600Ω	600Ω	DATA / VOICE	0-5	14	1.5	±1.5	±25	5.0	J	5
FATC - 404	600Ω	600Ω	DATA / VOICE	0	26	0.6	±0.5	±10	0.5	B	5
FATC - 405	600Ω	600Ω	DATA / VOICE	0-5	15	1.4	±1.5	±25	5.0	B	5
FATC - 406	600Ω	600Ω	DATA	0-90	8	2.4	±1.0	±25	5.0	G	5
FATC - 407	600Ω	600Ω	DATA / VOICE	0-80	11	1.2	±1.5	±25	5.0	M	13
FATC - 408	600Ω	600Ω	DATA / VOICE	0-100	8	1.6	±1.5	±25	5.0	E	15
FATC - 409	600Ω	600Ω CT	DATA	0-90	8	2.4	±1.0	±25	5.0	H	9
FATC - 410	600Ω CT	600Ω CT	DATA / VOICE	0	26	0.6	±0.5	±10	0.5	A	4
FATC - 411	600Ω CT	600Ω CT	DATA / VOICE	0-5	15	1.4	±1.5	±25	5.0	A	4
FATC - 412	600Ω SPLIT	600Ω	DATA / VOICE	0-50	8	1.4	±1.5	±25	5.0	K	11
FATC - 413	600Ω SPLIT	600Ω	DATA / VOICE	0-80	11	1.2	±1.5	±25	5.0	L	14
FATC - 414	600Ω	600Ω SPLIT	DATA / VOICE	0-75	13	1.2	±0.5	±10	0.5	E	7
FATC - 415	600Ω	600Ω SPLIT	DATA / VOICE	0-100	8	1.6	±1.5	±25	5.0	E	7
FATC - 416	600Ω	600Ω/600Ω	DATA / VOICE HYBRID	0	26	0.8	±0.5	±10	0.5	A	1
FATC - 417	600Ω	600Ω/600Ω	DATA / VOICE HYBRID	0-5	14	1.4	±1.5	±25	5.0	A	10
FATC - 418	600Ω	600Ω/600Ω	DATA / VOICE HYBRID	0	26	0.8	±0.5	±10	0.5	D	1
FATC - 419	600Ω	900Ω	DATA / VOICE	0-5	14	1.5	±1.5	±25	5.0	J	2
FATC - 420	600Ω	900Ω	DATA / VOICE	0	26	0.7	±0.5	±10	0.5	B	2
FATC - 421	600Ω/900Ω	600Ω	DATA / VOICE	0-100 / 0-120	8	1.4	±1.5	±25	5.0	L	12
FATC - 422	600Ω	600Ω/900Ω	DATA / VOICE	0-100 / 0-120	14	0.5	±0.5	±10	0.5	F	8
FATC - 423	900Ω	900Ω	DATA / VOICE	0	26	0.7	±0.5	±10	0.5	A	6
FATC - 424	4KΩ	600Ω	DATA / VOICE	0	22	0.7	±0.5	±10	0.5	B	3

SCHEMATIC

DIMENSIONS (STYLES G, H, J, K, L, M shown on next page)



TELEPHONE COUPLING AUDIO TRANSFORMERS

SCHEMATIC

DIMENSIONS

