

TECATE MAGNETICS

TELECOMMUNICATIONS TRANSFORMERS

SPECIFICATIONS ELECTRICAL

Power Level: -45 dBm to +7 dBm

Longitudinal Balance: Per FCC 68.310 60 DB min. = 200-1000 Hz
45 dB min. = 1000-4000 Hz

Dielectric Strength: Per FCC 68.304 1500 V peak

Frequency Range: Data/Voice = 300 to 3500 Hz
Data = 800 to 3500 Hz

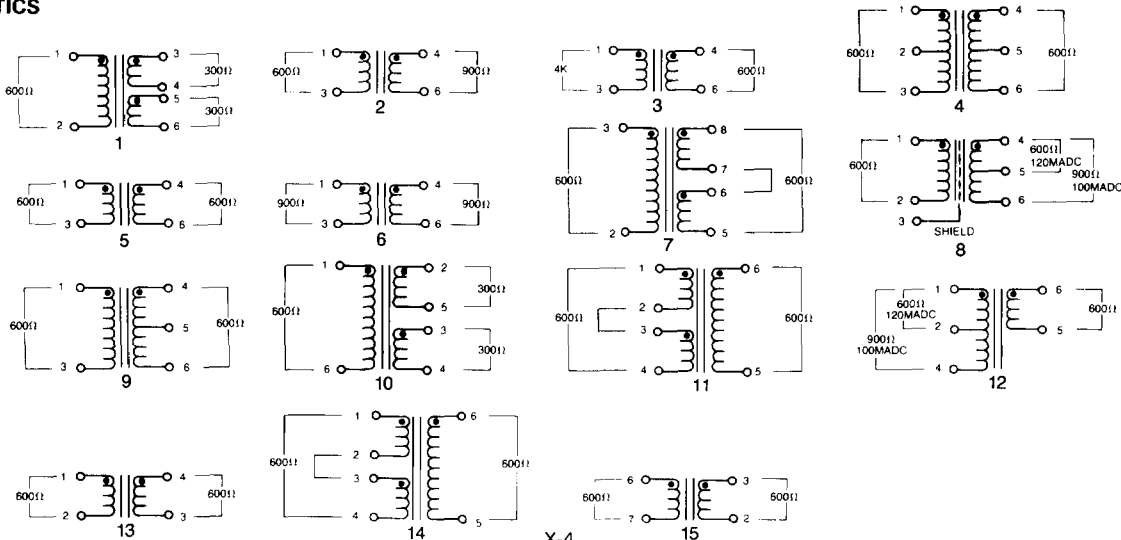
MECHANICAL

Coating: Impregnated with polyester varnish.

Terminals: Precision spaced PC type plug-in terminals.

Part Number	Impedance		Coupling Application	Unbalanced DC Current (MA)	Return Loss Min. (dB)	Insertion Losses @ 1 KHz (dB)	Frequency Response Ref. at 1 KHz (dB)	Impedance Matching (%)	Distortion (%)	Style	Schematic No.
	PRI	SEC									
TM76-101	600Ω	600Ω	Data/Voice	0	26	1.0	±0.5	±10	0.5	C	5
TM76-102	600Ω	600Ω	Data/Voice	0	26	1.0	±0.5	±10	0.5	J	5
TM76-103	600Ω	600Ω	Data/Voice	0-5	14	1.5	±1.5	±25	5.0	J	5
TM76-104	600Ω	600Ω	Data/Voice	0	26	0.8	±0.5	±10	0.5	B	5
TM76-105	600Ω	600Ω	Data/Voice	0-5	15	1.4	±1.5	±25	5.0	B	5
TM76-106	600Ω	600Ω	Data	0-90	8	2.4	±1.0	±25	5.0	G	5
TM76-107	600Ω	600Ω	Data/Voice	0-80	11	1.2	±1.5	±25	5.0	M	13
TM76-108	600Ω	600Ω	Data/Voice	0-90	14**	1.7**	±0.2**	±20	0.5	N	13
TM76-109	600Ω	600Ω	Data/Voice	0-100	8	1.6	±1.5	±25	5.0	E	15
TM76-110	600Ω	600Ω CT	Data	0-90	8	2.4	±1.0	±25	5.0	H	9
TM76-111	600Ω CT	600Ω CT	Data/Voice	0	26	0.6	±0.5	±10	0.5	A	4
TM76-112	600Ω CT	600Ω CT	Data/Voice	0-5	15	1.4	±1.5	±25	5.0	A	4
TM76-113	600Ω SPLIT	600Ω	Data/Voice	0-50	8	1.4	±1.5	±25	5.0	K	11
TM76-114	600Ω SPLIT	600Ω	Data/Voice	0-80	11	1.2	±1.5	±25	5.0	L	14
TM76-115	600Ω	600Ω SPLIT	Data/Voice	0-75	13	1.2	±0.5	±10	0.5	E	7
TM76-116	600Ω	600Ω SPLIT	Data/Voice	0-100	8	1.6	±1.5	±25	5.0	E	7
TM76-117	600Ω	600Ω/600Ω	Data/Voice Hybrid	0	26	0.8	±0.5	±10	0.5	A	1
TM76-118	600Ω	600Ω/600Ω	Data/Voice Hybrid	0-5	14	1.4	±1.5	±25	5.0	A	10
TM76-119	600Ω	600Ω/600Ω	Data/Voice Hybrid	0	26	0.8	±0.5	±10	0.5	D	1
TM76-120	600Ω	900Ω	Data/Voice	0-5	14	1.5	±1.5	±25	5.0	J	2
TM76-121	600Ω	900Ω	Data/Voice	0	26	0.7	±0.5	±10	0.5	B	2
TM76-122	600Ω/900Ω	600Ω	Data/Voice	0-100/0-120	8	1.4	±1.5	±25	5.0	L	12
TM76-123	600Ω	600Ω/900Ω	Data/Voice	0-100/0-120	14	0.5	±0.5	±10	0.5	F	8
TM76-124	900Ω	900Ω	Data/Voice	0	26	0.7	±0.5	±10	0.5	A	6
TM76-125	4KΩ	600Ω	Data/Voice	0	22	0.7	±0.5	±10	0.5	B	3

SCHEMATICS



DIMENSIONS

