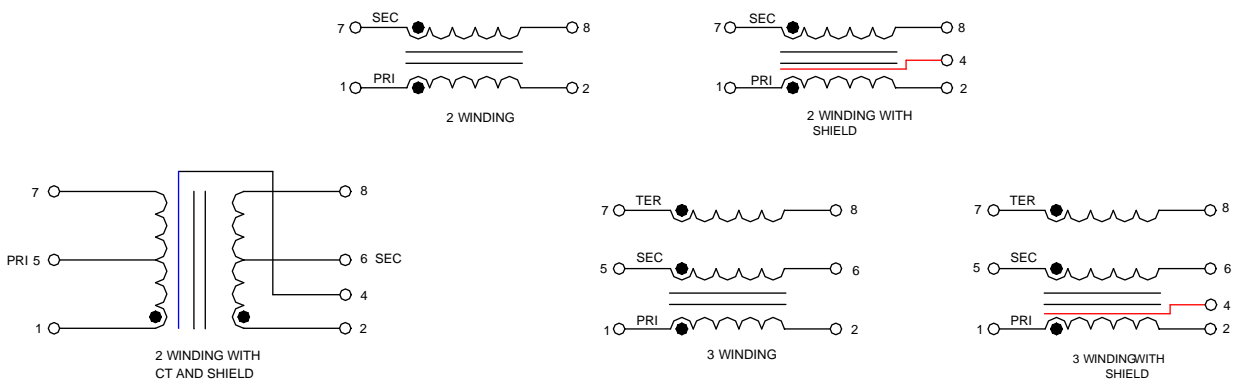
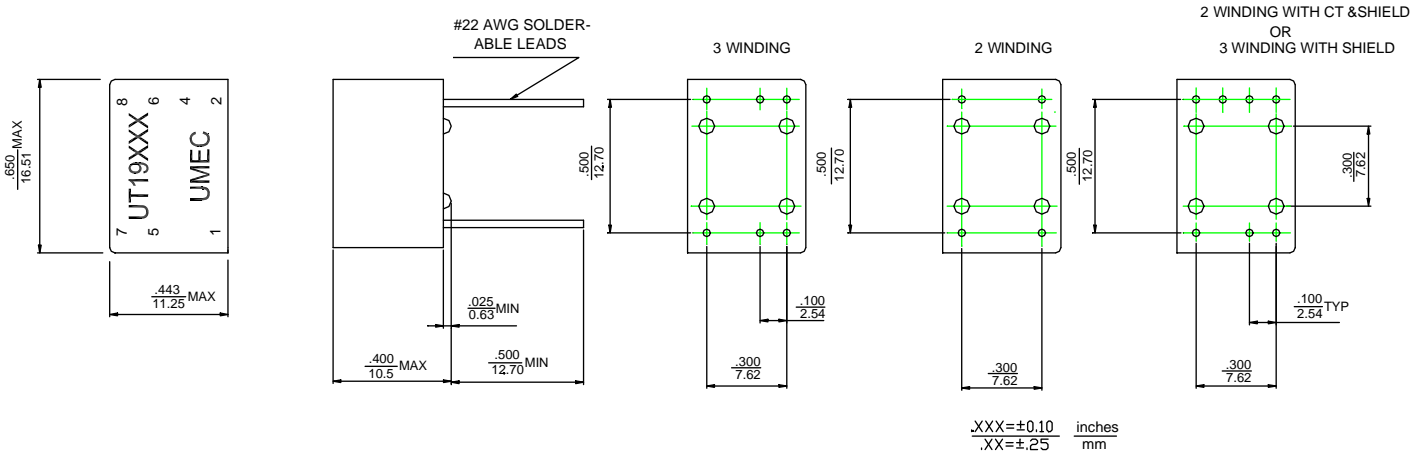


GENERAL PURPOSE TRANSFORMERS

- 1 ECONOMICAL – available at low cost due to volume production.
- 1 ELECTRICAL PARAMETER STABILITY – more stable electrical parameters are achieved as a result of gapped core construction.
- 1 HIGH FLUX DENSITY CAPABILITY – gapped ferrite core construction provides high flux density capability with ET constant range of 20 to 400 V- μ s.
- 1 RATING RANGE
 - Average Power Rating (40^oC Rise).....2 watts
 - Peak Pulse Voltage.....300 volts
 - High Potential Test.....700 Vrms
 - Insulation Resistance.....10,000M ohms
 - Common Mode Rejection Ratio
(Shielded Types).....1000:1 min.



GENERAL PURPOSE TRANSFORMERS

ELECTRICAL SPECIFICATIONS @25°C

Model Number	Turns Ratio (±5%)	Primary Sine Wave OCL (mH Min.)	Primary ET-Constant (V-μs Min.)	Rise Time (ns Max.)	Pri/Sec Cw/w (pf Max.)	Pri/Sec Leakage Inductance (μH Max.)	Primary DCR (ohms Max.)	Secondary DCR (ohms Max.)	Tertiary DCR (ohms Max.)
UT19226	1:1	0.06	34	7	24	1.2	0.7	0.7	—
UT19227	1:1	0.5	46	8	26	1.7	1.3	1.4	—
UT19228	1:1	1.3	84	30	40	3.0	3.6	3.8	—
UT19294	1:1	2.5	126	30	39	4.0	5.8	6.1	—
UT19230	1:1	5.0	175	80	38	14.0	9.8	11.0	—
UT19243	1:1	20.0	250	80	87	6.9	27.0	28.0	—
UT19270	1:2	0.5	46	40	37	1.6	0.9	6.3	—
UT19290	1:2	1.0	70	50	36	2.2	1.4	3.1	—
UT19244	1:2	6.0	175	100	36	15.0	5.0	24.0	—
UT19627	1:3	2.5	140	80	83	2.7	6.5	19.0	—
UT19628	1:4	2.5	140	170	95	3.0	12.0	45.0	—
UT19682	1:1:1	0.06	34	7	23	1.3	0.6	0.6	0.6
UT19983	1:1:1	0.5	46	9	27	2.0	1.4	1.5	1.6
UT19229	1:1:1	1.3	91	30	38	3.2	3.6	3.8	3.9
UT19231	1:1:1	5.0	196	70	35	13.0	8.8	9.6	11.0
UT19002	1:1:1	10.0	245	100	36	14.0	14.0	15.0	16.0
UT19004	2:1:1	0.5	46	30	29	1.5	1.5	0.3	0.3
UT19007	2:1:1	10.0	210	40	42	13.0	7.8	4.2	4.4
UT19442	4:1:2	0.4	84	50	20	7.1	2.5	0.4	1.2
UT19249	4:1:2	5.0	190	100	51	8.4	9.3	0.6	4.9
UT19008	4:1:2	10.0	182	90	38	13.0	7.6	0.6	4.4
UT19571	4:1:4	0.2	53	50	17	5.7	1.2	0.2	1.3
UT19572	4:1:4	0.4	105	50	24	7.7	2.9	0.8	3.0
UT19573	4:1:4	3.0	160	80	24	12.0	7.0	0.5	7.8
UT19214	4:1	20.0	420	100	75	14.0	36.0	2.2	—
UT19016	8:1	2.5	112	140	16	16.0	5.6	0.5	—
UT19233	1:2:1	2.3	140	70	44	4.2	6.0	13.0	6.8
UT19637	1:4:1	0.8	63	180	39	2.0	1.0	17.0	1.1

Electrical Specifications, Electrostatically Shielded Transformers @25°C

Model Number	Turns Ratio (±5%)	Primary Sine Wave OCL (mH Min.)	Primary ET-Constant (V-μs Min.)	Rise Time (ns Max.)	Pri/Sec Leakage Inductance (μH Max.)	*Pri/Sec Cw/w (pf Max.)	Primary DCR (ohms Max.)	Secondary DCR (ohms Max.)	Tertiary DCR (ohms Max.)
UT19154	1:1	0.2	91	17	3.1	2.7	1.5	1.5	—
UT19156	1:1	1.0	77	19	2.8	4.1	1.1	1.1	—
UT19160	1:1	10.0	224	200	22.0	4.5	11.0	11.0	—
UT19155	1:2	0.2	84	40	3.2	3.0	1.5	3.2	—
UT19157	1:2	1.0	77	46	3.2	4.62	1.1	2.5	—
UT19161	1:2	10.0	224	142	27.0	7.6	10.0	22.0	—
UT19181	1:1:1	0.2	91	19	2.8	4.8	1.8	1.8	1.8
UT19159	1:1:1	1.0	77	19	3.1	5.6	1.1	1.1	1.1
UT19162	1:1:1	10.0	224	84	24.0	6.4	11.0	11.0	11.0
UT19182	1ct:1ct	0.2	91	19	2.6	2.7	1.1	1.1	—
UT19158	1ct:1ct	1.0	77	21	2.5	3.2	1.8	1.8	—
UT19163	1ct:1ct	10.0	252	60	14.0	2.5	14.0	14.0	—

*Pin 4 must connect with ground of test instrument when Cw/w is tested.

*For RoHS compliant products, 1.)The Ordering Code: TG-Model No. ex. TG-UT19226

2.)Solder : Sn/ Cu ; 3.)Date Code suffix to "G" (xxxxG)

*Specifications are subject to change without prior notice.

DATA SHEET 01-19 JAN./06

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