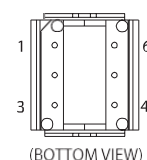
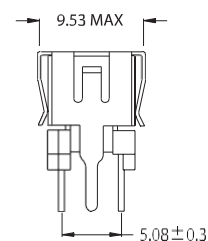
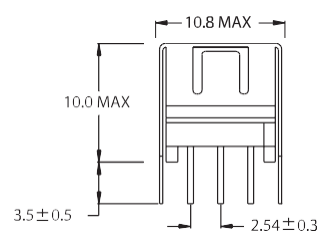
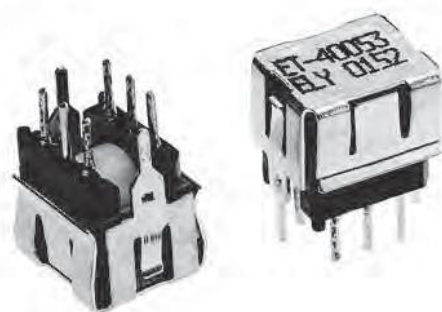
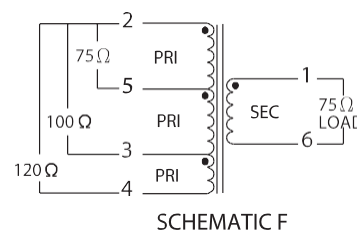
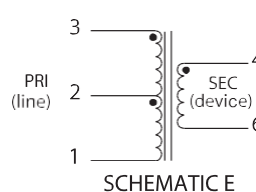
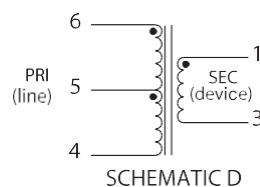
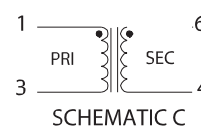
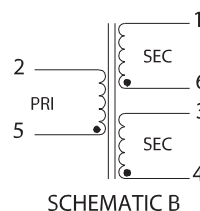
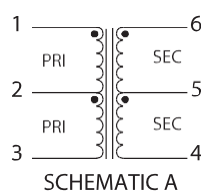


T1/E1/ISDN Primary Rate Transformers



Mechanical Dimensions:



UNIT:mm

Specifications	MGT-40051	MGT-40052	MGT-40053	MGT-40054	MGT-40055	MGT-40056	MGT-40057	MGT-40058	Unit
Reflects on PRI = Reflects on SEC =	100 100	100 400	100 24.9	75/100/120 75	100 200	100 ----	100 ----	100 ----	ohms
Longitudinal Balance,1.544 MHz ,1 MHz	35 min.	35 min.	3 5 min.	40 min.	35 min.	35 min.	35 min.	35 min.	dB
D.C.Resistance,20 ,PRI SEC	1.0 max. 1.0 max.	0.6 max. 0.6 max.	2.0 max. 1.0 max.	0.95-1.55 0.75-1.15	0.4 max. 0.6max.	0.2 max. 0.5 max.	0.2 max. 0.5 max.	0.2 max. 0.5 max.	ohms
Insertion Loss,772 KHz	0.2 max.	0.075 ± 0.025	0.125 ± 0.025	0.25 max.	_____	_____	_____	_____	dB
Return Loss,100 KHz - 1.544 MHz ,50 KHz - 3 MHz	25 min.	15 min.	_____	20 min.	26 min.	_____	_____	_____	dB
Dielectric Test PRI-SEC	1250	1250	1250	1250	1250	1500	1500	1500	VAC
Turns Ratio (PRI:SEC), 2%	1 : 1	1 : 1 : 1	2 : 1	-----	1 : 1.414	1 : 1.36	1 : 1	1 : 1.15	-----
Inductance,25 °C,10 KHz,0.5 V , 1 KHz,0.1 V	1.4 min.	0.6 min.	3 min.	1.3 min.	1.2 min.	0.7 min.	0.7 min.	0.7 min.	mHy
Leakage Inductance,10 KHz,0.1 V	1.5 max	0.75max.	3 max	0.5 max.	-----	1.3 max	0.8 max.	1.3 max.	uHy
Interwinding Capacitance,10 KHz	-----	35max.	-----	45 ref.	-----	-----	-----	-----	pF
Frequency Response,100 KHz-4 MHz ,50 KHz-3 MHz	-----	+0.25 / -0.5	0.25	0.15	_____	_____	_____	_____	dB
Schematic	A	B	A	F	C	D	E	D	----