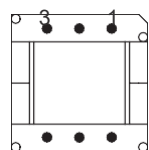
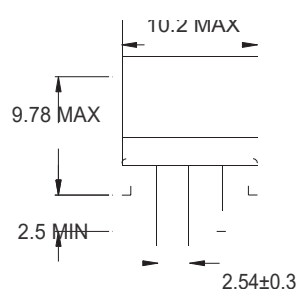


MGT-49150 SERIES

VDSL Filters Splitter Inductors

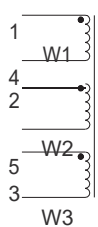
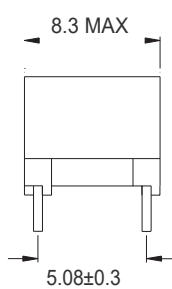


- Whether for VDSL over POTS Applications
- Good Attenuation Characteristics
- Operating Temperature Range : -30°C ~ +70°C

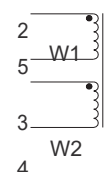


(BOTTOM VIEW)

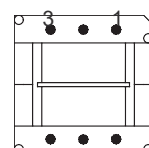
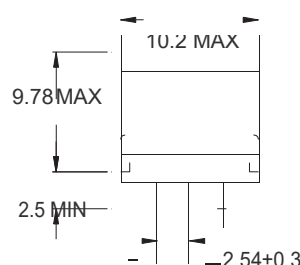
UNIT : mm



SCHMATIC A

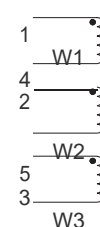
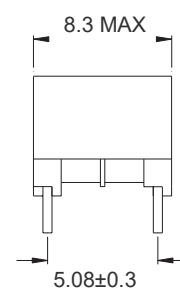


SCHMATIC B



(BOTTOM VIEW)

UNIT : mm



SCHMATIC C

Reflects on

	MGT-49151	MGT-49152	MGT-49153	MGT-49154	Unit
	135	135	135	135	ohms
Inductance, 10 KHz, 50 mVrms (W1)	480 ± 4%	580 ± 4%	105 ± 4%	504 ± 4%	uHy
(W2)	86.7 ± 4%	126 ± 4%	103 ± 4%	95 ± 4%	
(W3)	86.7 ± 4%	126 ± 4%		92 ± 4%	
D.C. Resistance, 20°C, W1, max.	2.3	3.0		2.6	ohms
, W2+W3, max.	2.8	3.3		2.2	
, W1+W2, max.			1.6		
Dielectric Test, W2 - W3, 50 Hz, 1 sec	500	500	500	500	V AC
Direct Current PRI, maximum	80	80	80	80	mA DC
Turns Ratio (PRI:SEC), ±2%	2.38 : 1 : 1	2.17 : 1 : 1	1.025 : 1	1.03 : 2.29 : 1	----
Total Harmonic Dist., 50 KHz, 3 Vrms	-80 max.	-80 max.	-80 max.	-80 max.	dB
Schematic	A	A	B	C	----

