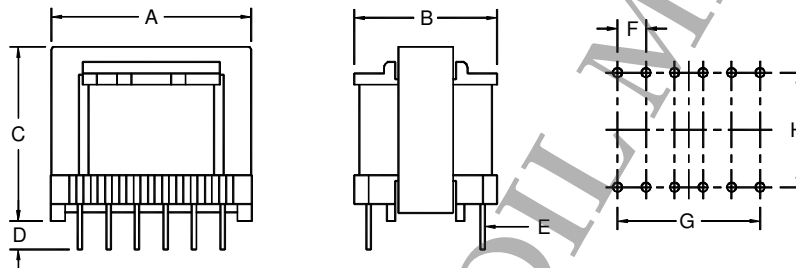




## TL05 Series

- Designed with gapped ferrite cores to prevent saturation at DC Bias condition.
- Inductance range : 19 ~ 2100 $\mu$ H.
- DC Bias range : 1 ~ 20Adc.
- Custom-made chokes are available upon request.



Product Series	Dimension (mm)									Weight (g)
	A	B	C	D	E	F	G	H	No. of Pins	
TL05-16	16.5	13.0	19.0	4.0	SQ0.64	3.75	7.5	7.5	6	7
TL05-20	20.0	13.5	21.0	4.0	SQ0.64	5.0	10.0	10.0	6	15
TL05-25	25.5	17.5	25.5	4.0	$\varnothing$ 0.8	5.0	10.0	12.5	6	25
TL05-35	35.5	25.5	30.5	4.0	$\varnothing$ 0.8	5.0	25.0	20.0	12	60
TL05-40	40.5	28.5	36.0	4.0	$\varnothing$ 0.8	5.0	25.0	22.5	12	90
TL05-42	45.5	32.5	49.0	4.0	$\varnothing$ 1.0	5.0	40.0	27.5	18	150
TL05-55	55.5	44.0	55.5	4.0	$\varnothing$ 0.8	5.0	30.0	40.0	14	340
Tolerance	typ.	typ.	typ.	$\pm$ 1.0	$\pm$ 0.1	$\pm$ 0.2	$\pm$ 0.5	$\pm$ 0.5	--	approx.

Part Number	Rated Current (A DC)	Inductance ( $\mu$ H, $\pm$ 5%)		Part Number	Rated Current (A DC)	Inductance ( $\mu$ H, $\pm$ 5%)	
		Nominal	Bias			Nominal	Bias
TL05-16-01	1	320	320	TL05-40-02	2	2100	2100
TL05-16-02	2	62	62	TL05-40-03	3	1100	1100
TL05-16-03	3	19	19	TL05-40-04	4	620	620
TL05-20-01	1	640	640	TL05-40-05	5	390	390
TL05-20-02	2	120	120	TL05-40-07	7	240	240
TL05-20-03	3	48	48	TL05-40-09	9	120	120
TL05-20-04	4	20	20	TL05-40-11	11	85	85
TL05-25-01	1	2000	2000	TL05-40-14	14	59	59
TL05-25-02	2	590	590	TL05-40-16	16	22	22
TL05-25-03	3	230	230	TL05-42-04	4	1200	1200
TL05-25-04	4	150	150	TL05-42-06	6	500	500
TL05-25-05	5	110	110	TL05-42-09	9	210	210
TL05-25-06	6	53	53	TL05-42-12	12	120	120
TL05-25-08	8	35	35	TL05-42-15	15	92	92
TL05-35-02	2	1200	1200	TL05-42-18	18	35	35
TL05-35-03	3	640	640	TL05-55-08	8	840	840
TL05-35-04	4	420	420	TL05-55-11	11	420	420
TL05-35-05	5	320	320	TL05-55-14	14	240	240
TL05-35-07	7	140	140	TL05-55-16	16	140	140
TL05-35-09	9	73	73	TL05-55-18	18	110	110
TL05-35-12	12	45	45	TL05-55-20	20	92	92
TL05-35-14	14	33	33				

Note: 1) Nominal Inductance is measured at 10kHz / 0.1Vrms / 0Adc.

2) Bias Inductance is measured at 10kHz / 0.1Vrms / rated dc current.