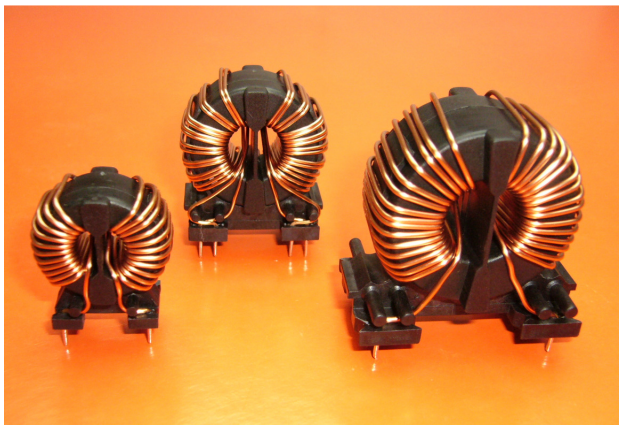
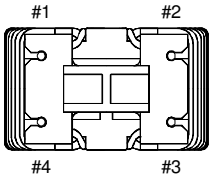
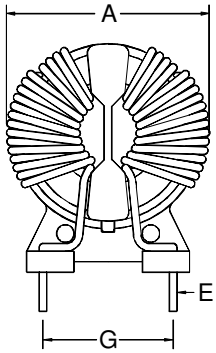


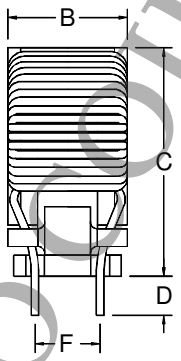
TL470 Series

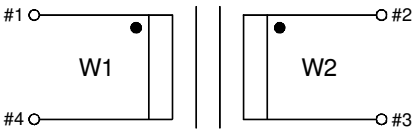
- Excellent for attenuating common-mode or asymmetric interference signals
- Based on nanocrystalline material
- Advanced insertion loss
- Standard inductance : 2.6 ~ 100mH
- Standard rated current : 3 ~ 20A
- Rated voltage : 250Vac
- Dielectric strength : 2500Vrms (winding – winding)
- Custom-made chokes are available upon request



Bottom View



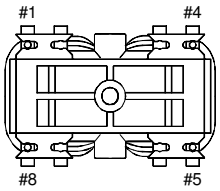




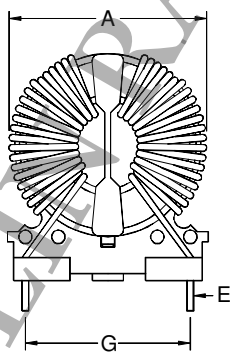
Schematic

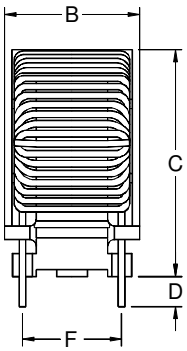
Product Series	Dimension (mm)						
	A	B	C	D	E	F	G
TL470-1	25.0	15.5	27.0	5.0	(see note)	7.62	15.24
Tolerance	Typ.	Typ.	Typ.	±1.0	±0.1	±0.5	±0.5

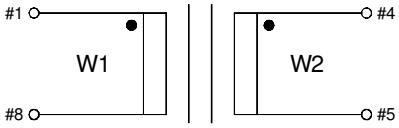
Note: Please refer to the P/N table for the pin diameter details.



Bottom View



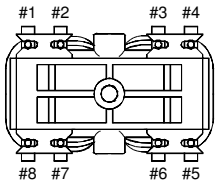




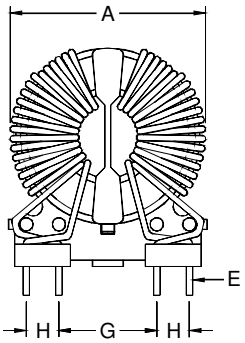
Schematic

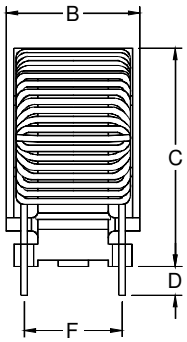
Product Series	Dimension (mm)						
	A	B	C	D	E	F	G
TL470-2	32.5	20.6	34.5	5.0	(note 2)	15.24	25.4
Tolerance	Typ.	Typ.	Typ.	±1.0	±0.1	±0.5	±0.5

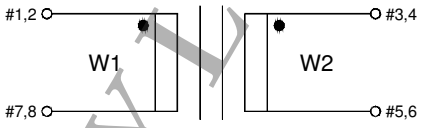
Note: 1) For the items wound with single wires.
2) Please refer to the P/N table for the pin diameter details.



Bottom View



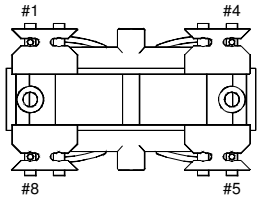




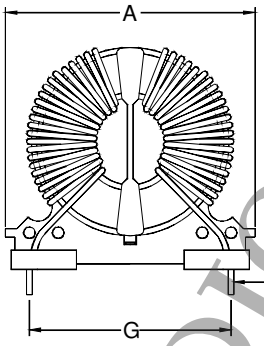
Schematic

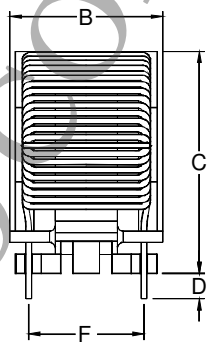
Product Series	Dimension (mm)							
	A	B	C	D	E	F	G	H
TL470-2	32.5	20.6	34.5	5.0	(note 2)	15.24	15.24	5.08
Tolerance	Typ.	Typ.	Typ.	±1.0	±0.1	±0.5	±0.5	±0.5

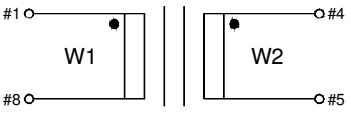
Note: 1) For the items wound with bifilar wires.
2) Please refer to the P/N table for the pin diameter details.



Bottom View



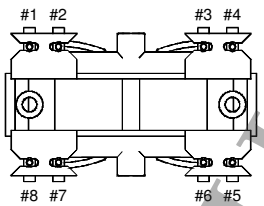




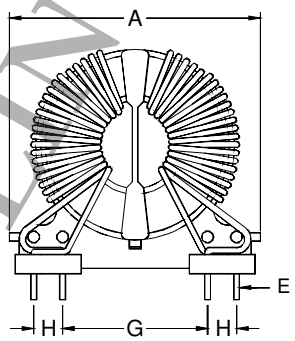
Schematic

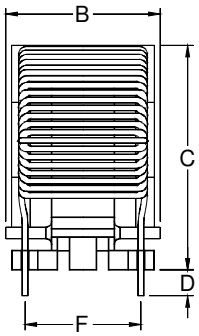
Product Series	Dimension (mm)						
	A	B	C	D	E	F	G
TL470-3	44.0	27.0	40.5	5.0	(note 2)	20.32	35.56
Tolerance	Typ.	Typ.	Typ.	±1.0	±0.1	±0.5	±0.5

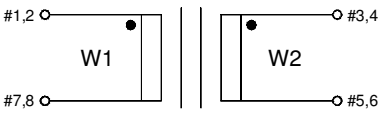
Note: 1) For the items wound with single wires.
2) Please refer to the P/N table for the pin diameter details.



Bottom View







Schematic

Product Series	Dimension (mm)							
	A	B	C	D	E	F	G	H
TL470-3	44.0	27.0	40.5	5.0	(note 2)	20.32	25.4	5.08
Tolerance	Typ.	Typ.	Typ.	±1.0	±0.1	±0.5	±0.5	±0.5

Note: 1) For the items wound with bifilar wires.
2) Please refer to the P/N table for the pin diameter details.

THAI LIN RADIO since 1975

COMMON MODE CHOKE

Part Number	Inductance (mH, +50/-30%)	Rated Current (Arms)	DCR (mΩ, nominal)	Pin diameter (mm)	Winding	Approx. Weight (g)
TL470-1-001	18	3	44	∅0.7	Full	14.5
TL470-1-002	15	4	30	∅0.8	Full	16.0
TL470-1-003	11	5	21	∅0.9	Full	17.0
TL470-1-004	8.2	6	15	∅1.0	Full	18.5
TL470-1-101	6.8	3	26	∅0.7	Single layer	11.5
TL470-1-102	5.6	4	18	∅0.8	Single layer	13.5
TL470-1-103	4.7	5	13	∅0.9	Single layer	14.5
TL470-1-104	3.3	6	9	∅1.0	Single layer	15.5
TL470-2-001	39	4	48	∅0.8	Full	33.0
TL470-2-002	33	5	34	∅0.9	Full	35.0
TL470-2-003	25	6	24	∅1.0	Full	37.5
TL470-2-004	12	8	18	2 x ∅0.8	Full	36.5
TL470-2-005	9.0	10	9	2 x ∅0.9	Full	38.0
TL470-2-006	6.3	12	6	2 x ∅1.0	Full	39.0
TL470-2-101	15	4	28	∅0.8	Single layer	31.0
TL470-2-102	12	5	20	∅0.9	Single layer	32.0
TL470-2-103	10	6	15	∅1.0	Single layer	34.5
TL470-2-104	4.2	8	8.5	2 x ∅0.8	Single layer	32.0
TL470-2-105	3.3	10	5.5	2 x ∅0.9	Single layer	33.5
TL470-2-106	2.6	12	4.5	2 x ∅1.0	Single layer	36.5
TL470-3-001	100	4	72	∅0.8	Full	72.0
TL470-3-002	82	5	53	∅0.9	Full	74.0
TL470-3-003	56	6	34	∅1.0	Full	75.0
TL470-3-004	30	10	18	∅1.2	Full	75.0
TL470-3-005	30	8	20	2 x ∅0.8	Full	74.0
TL470-3-006	24	10	14	2 x ∅0.9	Full	75.0
TL470-3-007	14	12	9.5	2 x ∅1.0	Full	76.5
TL470-3-008	7.6	20	5	2 x ∅1.2	Full	77.5
TL470-3-101	37	4	44	∅0.8	Single layer	66.0
TL470-3-102	27	5	29	∅0.9	Single layer	67.0
TL470-3-103	24	6	22	∅1.0	Single layer	69.0
TL470-3-104	16	10	13	∅1.2	Single layer	71.0
TL470-3-105	9.4	8	11	2 x ∅0.8	Single layer	67.5
TL470-3-106	7.6	10	8	2 x ∅0.9	Single layer	69.0
TL470-3-107	6.0	12	6	2 x ∅1.0	Single layer	69.0
TL470-3-108	4.7	20	3.5	2 x ∅1.2	Single layer	70.0