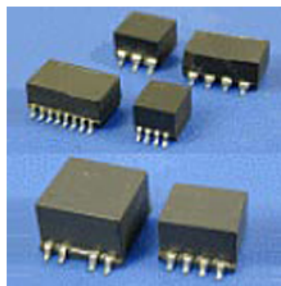


## FEATHER

- Reduces radiated EMI emissions.
- Filters common mode noise for EMI reduction.
- Common mode attenuation from 100KHz to 1 GHz.



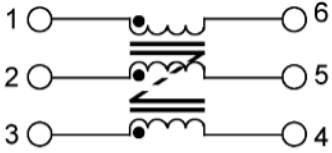
### ELECTRICAL SPECIFICATIONS@25°C-OPERATING TEMPERATURE 0°C TO 70°C

Part no.	No. of Lines	Primary Inductance OCL ( $\mu$ H MIN)	Common Mode Attenuation (dB TYP)										DCR ( $\Omega$ MAX)	Package Schematic
			100KHz	1MHz	10MHz	30MHz	50MHz	100MHz	300MHz	500MHz	1GHz			
ST-71T470MB	2	47	11	27	40	44	42	36	26	17	-	0.30	6M-B	
ST-71T200MA	3	20	6	14	27	30	30	30	30	28	25	0.20	6M-A	
ST-71T690MA	3	69	9	24	31	30	29	27	21	16	-	0.60	6S-A	
ST-73T370SA	4	37	8	21	28	28	28	27	25	22	-	0.35	16S-A	
ST-73T680SB	6	68	8	22	29	32	30	29	24	19	-	1.40	16S-B	
ST-73T360SC	8	36	8	24	36	28	35	29	18	11	-	1.00	16S-C	
ST-73T680SD	8	68	8	24	30	29	27	24	16	11	-	0.20	16S-D	
ST-77T225LA	4	22.5	7	20	30	37	38	34	24	13	-	0.20	8L-A	
ST-77T240MB	4	24	8	21	32	36	37	36	30	20	-	0.30	8M-B	
ST-77T330MA	4	33	2	14	20	19	19	18	14	8	3	0.20	8M-A	
ST-77T470MA	4	47	3	19	32	36	35	29	12	6	-	0.20	8M-A	
ST-77T680SA	4	68	8	22	28	28	27	25	20	15	-	0.60	8S-A	
ST-77T101LB	4	100	14	33	44	48	49	44	34	29	20	0.70	8L-B	
ST-79T472LA	4	4700 $\pm$ 30%	40	51	38	30	25	20	14	13	-	1.00	10L-A	

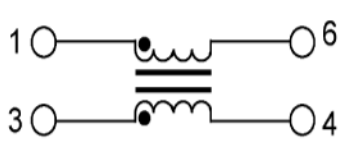
Part no.	Turns Ratio ( $\pm$ 5%)	OCL ( $\mu$ H MIN.)	Cw/w (pF MAX.)	LL ( $\mu$ H MAX.)	DCR ( $\Omega$ MAX)	Isolation (Vrms MIN.)	Package Schematic
ST-77T470HA	1:1:1:1	47.0	16	0.20	0.30	500	8H-A
ST-77T240LA	1:1:1:1	24.0	15	0.23	0.30	500	8H-A

**Schematic**

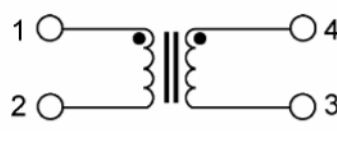
**6-A**



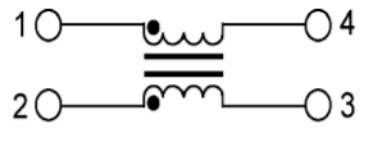
**6-B**



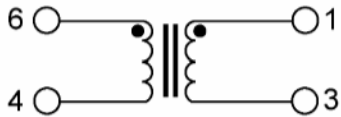
**6-C**



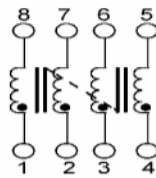
**6-D**



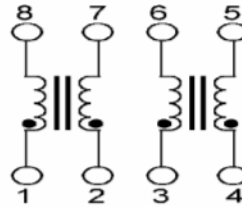
**6-E**



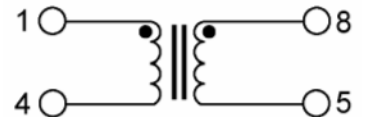
**8-A**



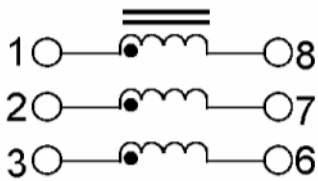
**8-B**



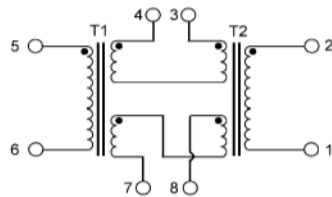
**8-C**



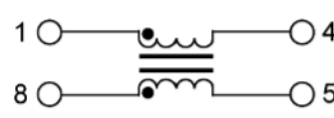
**8-D**



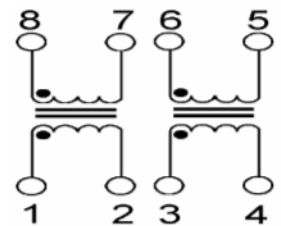
**8-E**



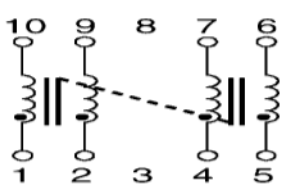
**8-F**



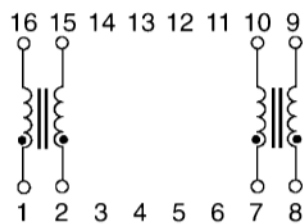
**8-G**



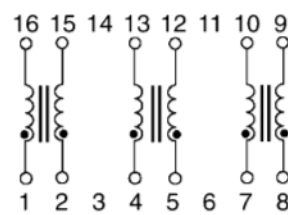
**10-A**



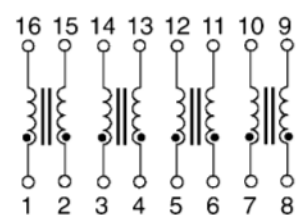
**16-A**



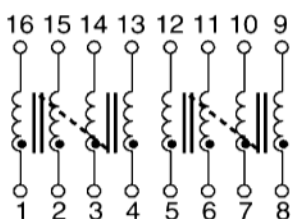
**16-B**



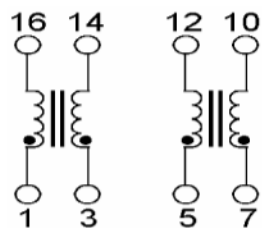
**16-C**



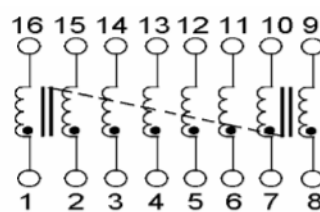
**16-D**



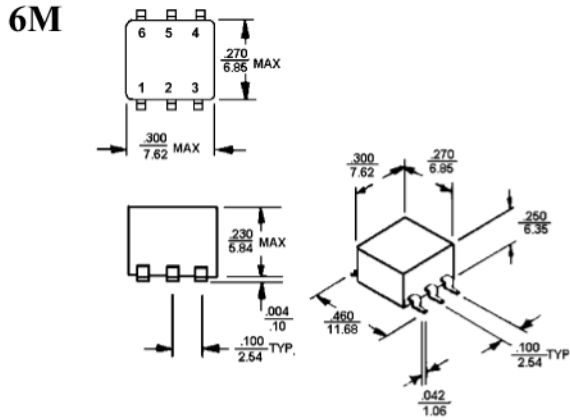
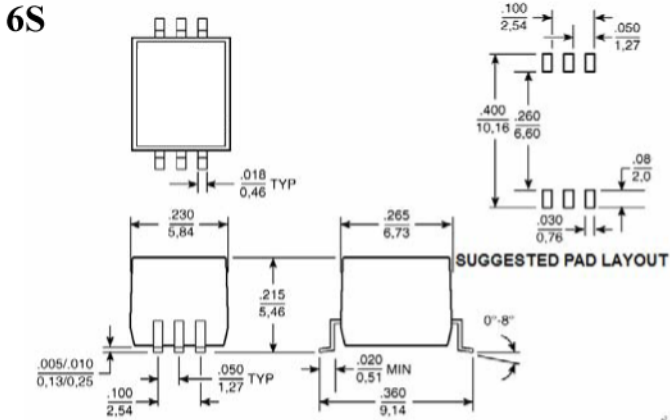
**16-E**



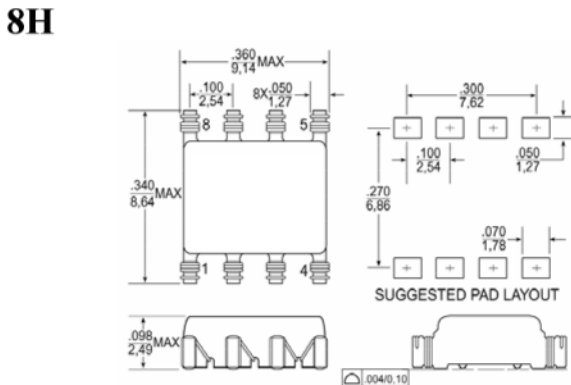
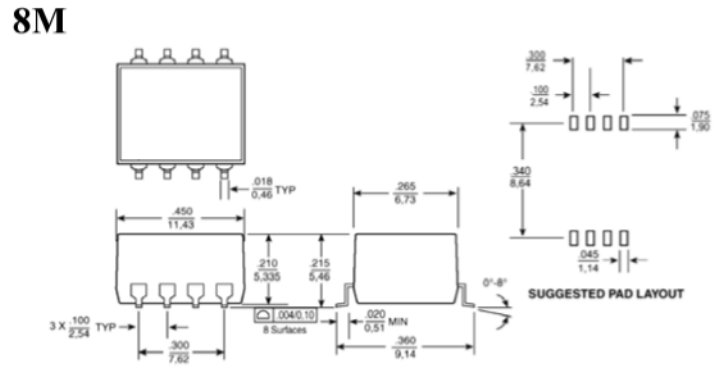
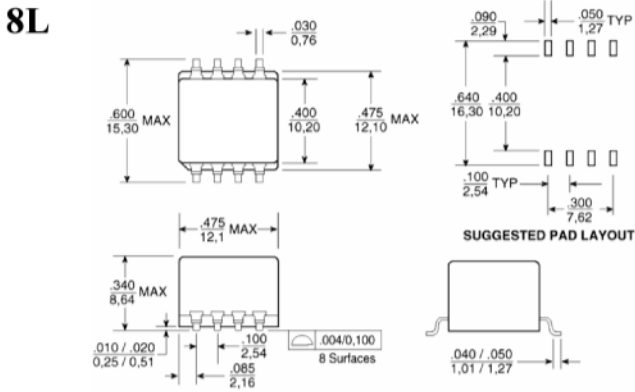
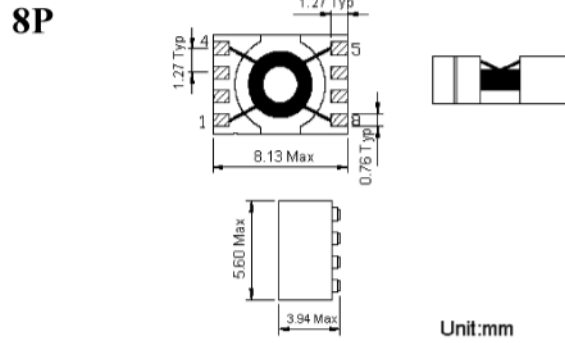
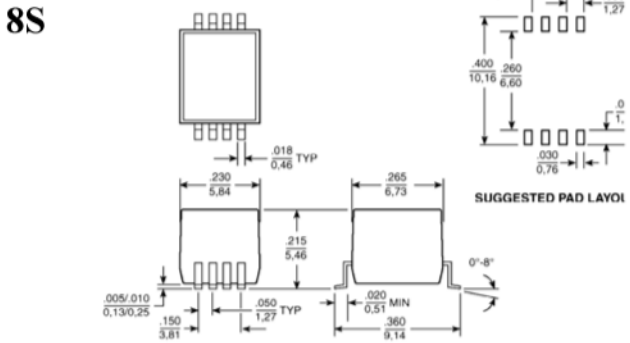
**16-F**



**MECHANICALS**



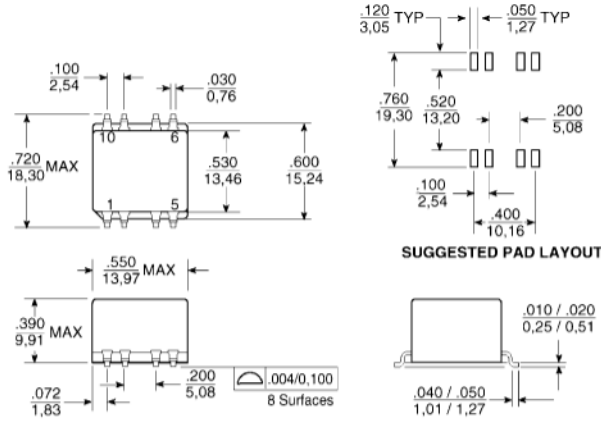
**MECHANICALS**



Dimensions:inches/mm Unless otherwise specified.all tolerances are ±.010/±0.25

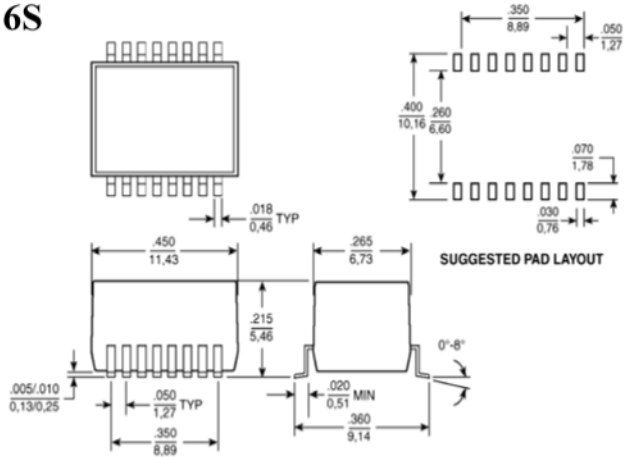
**MECHANICALS**

**10L**



**MECHANICALS**

**16S**



Dimensions: inches/mm Unless otherwise specified, all tolerances are  $\pm .010 / \pm 0.25$