

Part Number	Ω	Ω Ratio PRI/SEC	Frequency (MHz)	Insertion Loss (dB)Max	Input R Loss (dB)Min	Amplitude (dB)Typ	Phase (°)Typ	Package	SEC	MPQ (PCS)	Equivalent
TB2F-458PT-3713-H105	75	1:1CT	1-300	1.5	15.0	0.3	1.0	B004	A	2000	RFXF03713
TB2F-458PT-1062-H078	75	1:2CT	1-300	1.2	14.0	0.0	0.0	B004	A	2000	MAB-011062
TB2F-458PT-3743-H105	75	1:4CT	1-350	1.5	6.0	0.3	1.0	B004	A	2000	RFXF03743
TB2F-458PT-0181-G081	75	1:9CT	5-90	1.8	13.0	0.1	0.5	B013	A	2000	MABA-010181-CF9A40
TB2F-617DB-0245-F086	75	1:1	46-1002	1.2	18.0	0.3	0.0	B004	E	2000	MABA-010245-CT1160
TB2F-617DB-5793-I082	75	1:1	5-1250	1.0	16.0	0.6	10.0	B004	E	2000	RFXF5793
TB2F-617DB-0282-B084	75	1:1.33	4-2800	3.5	10.0	0.8	6.0	B004	G	2000	TC1.33-282+
TB2F-617DB-1160-D023	75	1:1	5-1200	2.0	10.0	0.5	1.0	B012	G	2000	MABA-007748-CT1160
TB3F-458PT-0116A	75	9:1CT	5-85	2.0	8.0	0.5	5.0	B006	G	2000	RFT-094SG
TB4F-617DB-2500-D220	75	1:1	5-1250	2.0	10.0	0.2	6.0	B009	G	2000	MRF-25001
TB4F-617DB-7731-F189	75	1:1	50-2150	3.0	13.0	0.5	10.0	B009	E	2000	MABA-007731-CT1980
TB4F-458PT-9594-G003	75	1:1CT	5-200	1.5	10.0	0.5	5.0	B009	A	2000	M1119ANL
TB4F-458PT-9594-H096	75	1:1CT	5-200	1.5	10.0	0.3	0.0	B009	A	2000	MABA-009594-CF18A0
TB4F-458PT-7532-H005	75	1:1CT	5-200	1.0	10.0	0.2	1.0	B009	A	2000	MABA-007532-CF18A0
TB4F-458PT-7512-G081	75	1:1.6CT	5-350	1.5	15.0	0.5	5.0	B009	A	2000	
TB4F-458PT-0068F	75	2:1CT	5-200	1.3	12.0	0.5	2.0	B009	A	2000	MABA-011056
TB5F-458PT-1002-H314	75	4:1CT	5-200	3.0	3.0	0.6	1.2	B010	A	1000	MABA-011048
TB5F-458PT-4535-H096	75	1.3CT:1CT	1-250	1.5	18.0	0.3	10.0	B011	F	1000	BX4535NL
TB5F-458PT-1566-H272	75	1:1CT	5-100	2.0	10.0	0.5	1.0	B010	A	1000	#B5F-458PT-1566
TB5F-458PT-3688-H277	75	1:1CT	5-200	2.0	8.0	0.7	0.3	B010	A	1000	D63688
TB5F-458PT-2002-G006	75	2:1CT	5-100	2.0	4.0	0.1	3.0	B010	A	1000	#B5F-458PT-2002
TB7F-458PT-1002-G314	75	4:1CT	5-200	2.5	5.0	0.1	2.0	B005	A	1000	MABA-011002
TB7F-617DB-1029-D321	75	1:2CT	5-1250	3.5	16.0	0.5	8.0	B003	I	1500	MABA-011029
TB7F-617DB-2010-D315	75	1:2CT	5-1250	2.2	8.0	0.6	3.0	B003	I	1500	MABA-007681-CT2010
TB7F-617DB-9210-D243	75	1:1	40-1250	1.6	12.0	0.3	1.0	B003	G	1500	MABA-009210-CT1760
TB2F-458PT-1.5-1-H082	50	1.5:1	0.5-2200	2.5	8.0			B012	D	2000	TC1.5-1
TB2F-458PT-1-1T+C032	50	1:1CT	0.4-500	3.0	5.0	0.5	5.0	B004	A	2000	TC1-1T+
TB2F-458PT-11TL-C081	50	1:1CT	0.3-750	3.8	10.0	0.5	5.0	B012	A	2000	WBC1-1TL
TB2F-458PT-21TL-C081	50	1:2CT	0.3-500	2.5	10.0	0.5	5.0	B012	A	2000	WBC2-1TL
TB2F-458PT-M1-1+G022	50	1:1	1.5-500	2.0	12.0	0.5	5.0	B012	B	2000	TCM1-1+
TB2F-458PT-0061-G084	50	1:4CT	2-800	3.0	13.0	0.5	5.0	B013	A	2000	MABAES0061
TB2F-458PT-4-14+G067	50	1:4CT	200-1400	4.0	8.0	2.0	20.0	B012	A	2000	TC4-14+
TB2F-458PT-0067-G007	50	1:4CT	1-350	2.0	8.0	0.3	2.0	B004	A	2000	MABACT0067
TB2F-617DB-5553+B026	50	1:4CT	5-1250	2.0	6.0	0.2	6.0	B013	H	2000	RFXF5553
TB2F-617DB-4-19+B084	50	1:4CT	10-1900	3.5	5.0	0.2	10.0	B013	H	2000	TC4-19+
TB2F-617DB-1-13M+F082	50	1:1	4.5-3000	3.5	8.0	0.5	10.0	B012	E	2000	TC1-1-13M+
TB3F-458PT-0063-F026	50	1.5:1	5-1000	1.0	16.0			B006	C	2000	MABACT0063
TB4F-617DB-0129-B026	50	1:4CT	5-1250	2.0	10.0	0.2	6.0	B009	H	2000	MABA-010129-CT4A40
TB4F-458PT-4-4T-H020	50	1:4CT	0.3-800	3.5	5.0	0.5	10.0	B008	F	2000	WBC4-4L
TB4F-617PT-1019-G081	50	1:4CT	8-750	3.0	10.0	0.5	10.0	B009	A	2000	#B4F-617PT-1019
TB7F-617DB-1-12-B253	50	1:1	20-1200	2.0	8.0	0.5	4.0	B001	E	2000	ADTL1-12+
TB7F-617DB-4-1T-B380	50	1:1	0.3-125	1.0	10.0	0.2	9.1	B001	F	1500	ADTT4-1
TB7F-617DB-1-6T-B378	50	1:1	0.3-125	2.5	6.0	0.2	5.0	B001	A	1500	ADT1-6T

Part Number	Ω	Frequency (MHz)	I Loss (dB)Max	Coupling (dB)Typ	Input R Loss (dB)Min	Ouput R Loss (dB)Min	Coupling R Loss (dB)Min	Isolation (dB)Min	Package	SEC	MPQ (PCS)	Equivalent
TB2F-617PT-0701-A081	75	5-1500	3.0	6.8	13.0	16.0	14.0	16.0	B004	J	2000	MRFCP0013
TB2F-617PT-0801-D081	75	5-1250	2.0	8.5	14.0	14.0	14.0	18.0	B004	J	2000	MACP-010250-C808A0
TB2F-617PT-0901-D081	75	5-1250	2.0	9.0	16.0	20.0	16.0	18.0	B004	J	2000	MRFCP0014
TB2F-617PT-1001-D081	75	5-1250	1.7	10.0	18.0	20.0	18.0	18.0	B004	J	2000	RFCP5743
TB2F-617PT-1201-D016	75	5-1250	1.5	12.0	16.0	16.0	16.0	18.0	B004	J	2000	DBTC-12-4-75+
TB2F-617PT-1601-D081	75	5-1500	1.3	16.0	16.0	16.0	16.0	20.0	B004	J	2000	TCD-16-122-75X+
TB2F-617PT-1701-C016	75	5-1500	1.2	17.0	19.0	20.0	20.0	25.0	B004	J	2000	MACP-007741-CG09E0
TB2F-617PT-1801-C030	75	5-1500	1.0	18.0	20.0	20.0	20.0	25.0	B004	J	2000	MACP-010249-CI08A0
TB2F-617PT-1601-C331	75	5-2250	2.0	16.5	11.0	12.0	10.0	22.0	B012	J	2000	TCD-16-23-75X+
TB4F-617PT-0801-D005	75	5-1250	2.5	8.3	16.0	16.0	16.0	16.0	B009	J	2000	53X-0028
TB4F-617PT-0901-D080	75	5-1500	2.0	16.0	16.0	20.0	16.0	18.0	B009	J	2000	DBTC-9-4+
TB4F-617PT-1501-C303	75	5-1000	1.5	15.0	16.0	16.0	16.0	20.0	B009	J	2000	MACP-010382-CF0A40
TB4F-617PT-1601-D005	75	5-1000	1.3	16.0	18.0	18.0	18.0	20.0	B009	J	2000	TCD-16-122-75X+
TB4F-617PT-1701-B016	75	5-1200	1.5	17.3	16.0	16.0	16.0	16.0	B009	J	2000	53X-0029
TB7F-617PT-1601-C005	75	5-1250	1.5	16.0	18.0	18.0	18.0	20.0	B001	J	1000	MACP-011008
TB7F-617PT-1901-C135	75	5-1250	1.0	19.0	20.0	20.0	20.0	28.0	B001	J	1000	MACP-011013
TB8F-617PT-2001-C318	50	10-540	1.0	20.0	16.0	16.0	16.0	25.0	B014	J	500	SYDC-20-62HP+

Part Number	Ω	Frequency (MHz)	Out1 Loss (dB)Max	Out2 Loss (dB)Max	Input R Loss (dB)Min	Output1 R Loss (dB)Min	Output2 R Loss (dB)Min	Isolation (dB)Min	Package	SEC	MPQ (PCS)	Equivalent
TB4F-617DB-S30A-G105	50	50	3.0	3.0	22.0	0.5	3.0	10.0	B008	L	2000	TCP-2-33W+
TB4F-617DS-1007-B331	75	5-1250	1.0	1.2	22.0	0.2	2.0	20.0	B008	K	2000	MAPD-011007
TB4F-617DS-6723-B026	75	5-1250	1.5	1.5	22.0	0.2	2.0	16.0	B008	K	2000	RFSP06723
TB7F-617DS-3S05-B160	75	1-250	0.5	0.5	22.0	0.2	2.0	20.0	B001	K	1000	D03S05AF
TB7F-617DS-3229-B160	75	5-1250	1.5	1.5	16.0	0.2	2.0	16.0	B001	K	1500	MAPD-011035
TB7F-617DS-3229-B311	75	5-1250	1.2	1.5	16.0	0.2	4.0	16.0	B001	K	1500	MAPD-011039
TB7F-617DS-0029-C084	75	5-1000	1.4	1.2	11.0	14.0	16.0	12.0	B001	K	1500	MAPDCT0029
TB7F-617DS-0024-C084	75	5-1250	1.5	2.1	16.0	0.2	4.0	16.0	B001	K	1500	MAPDCT0024

Features::

- ◆ Surface mount and available in tape and reel
- ◆ 260°C reflow compatible
- ◆ RoHS Compliant and Pb free
- ◆ Excellent temperature stability
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C

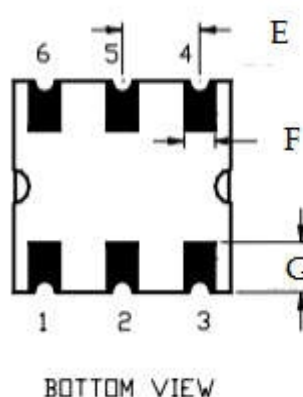
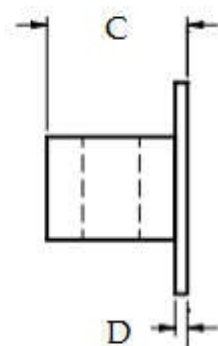
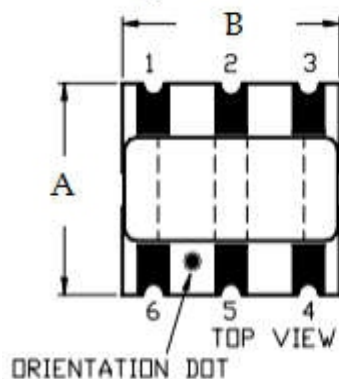


Applications:

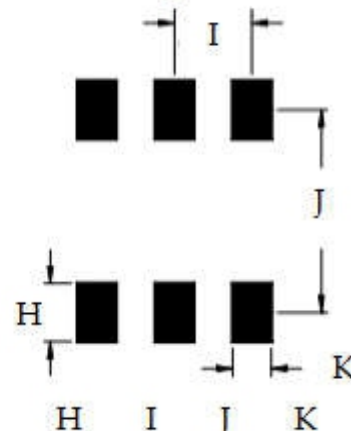
- ◆ For A broad range of RF & CATV applications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

Package type:

Package : B001

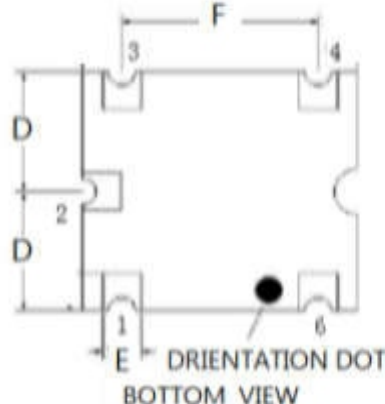
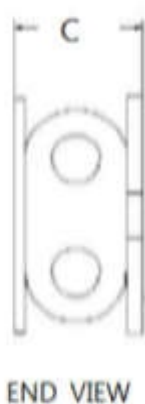
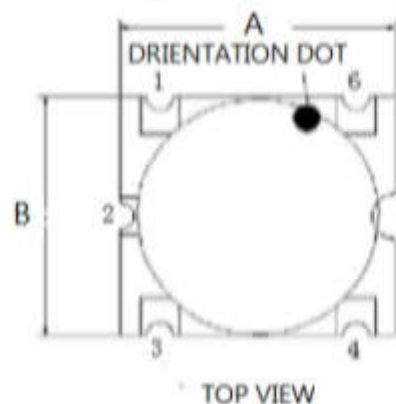


Pad Layout

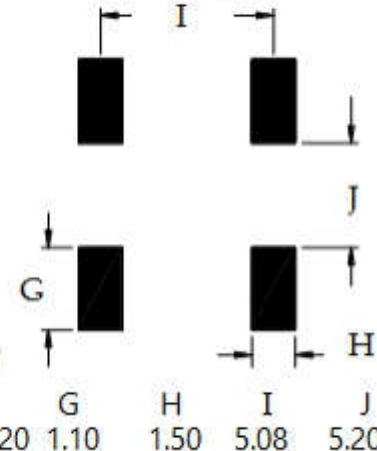


A=6.30±0.20 B=7.00±0.20 C=5.10±0.20 D=0.60±0.10 E=2.54±0.10 F=1.25±0.10 G=0.80±0.10 H=1.10 I=2.54 J=6.30 K=1.50

Package : B002

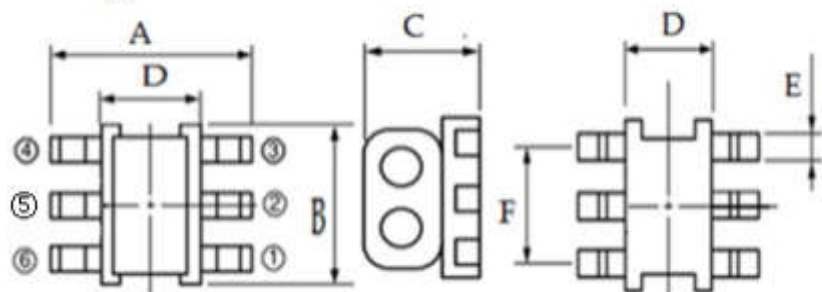


Pad Layout



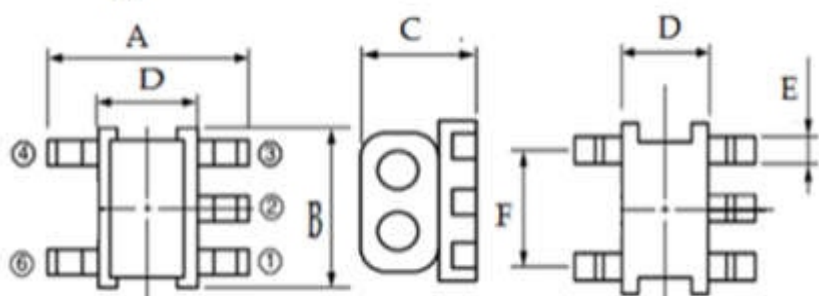
A=7.20±0.20 B=6.30±0.20 C=3.40±0.20 D=3.15±0.20 E=1.20±0.10 F=5.08±0.20 G=1.10 H=1.50 I=5.08 J=5.20

Package : B003



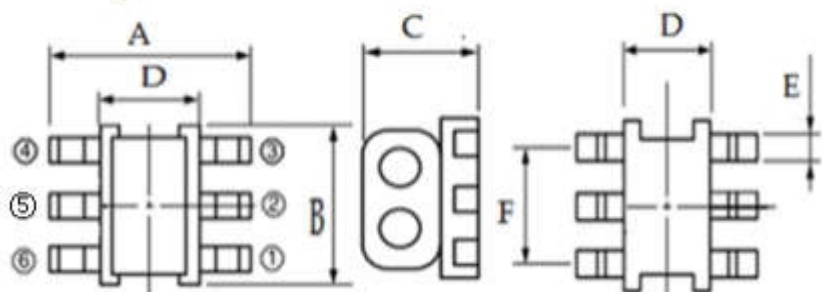
A=4.10±0.20 B=3.80±0.20 C=3.20±0.20 D=2.20±0.20 E=0.50±0.10 F=2.54±0.10 G=0.25±0.10 H=0.30±0.10

Package : B004



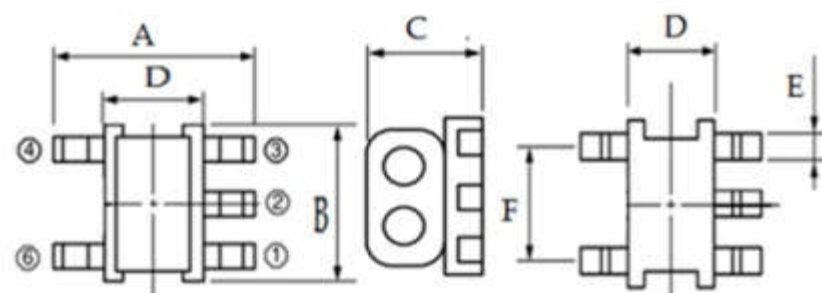
A=4.10±0.20 B=3.80±0.20 C=3.20±0.20 D=2.20±0.20 E=0.50±0.10 F=2.54±0.10 G=0.25±0.10 H=0.30±0.10

Package : B005



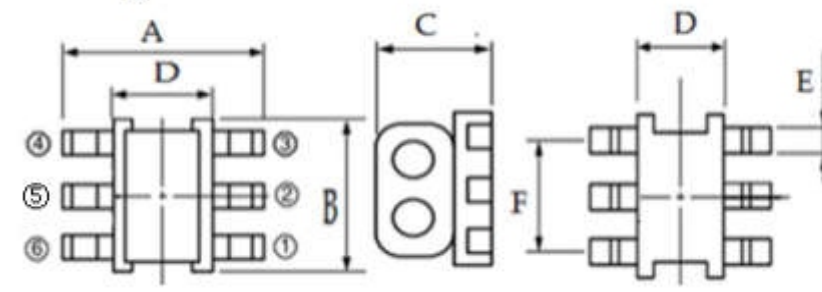
A=6.70±0.20 B=7.60±0.20 C=5.10±0.20 D=3.80±0.20 E=0.60±0.10 F=5.08±0.10 G=0.25±0.10 H=0.70±0.15

Package : B006



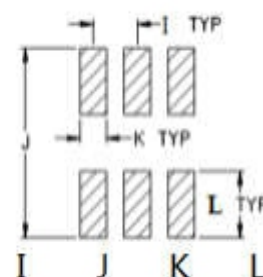
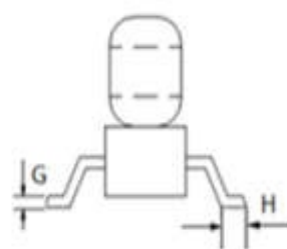
A=4.80±0.20 B=3.80±0.20 C=3.20±0.20 D=2.80±0.20 E=0.50±0.10 F=2.54±0.10 G=0.25±0.10 H=0.30±0.10

Package : B007



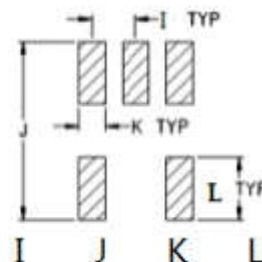
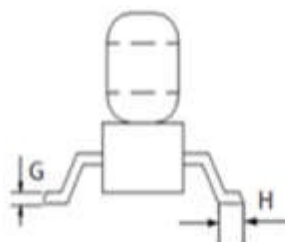
A=4.80±0.20 B=3.80±0.20 C=3.20±0.20 D=2.80±0.20 E=0.50±0.10 F=2.54±0.10 G=0.25±0.10 H=0.30±0.10

Pad Layout



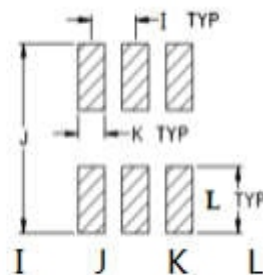
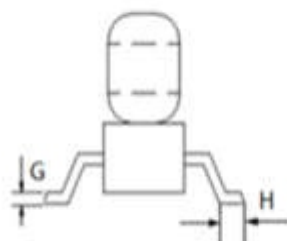
1.27 4.83 0.76 1.50

Pad Layout



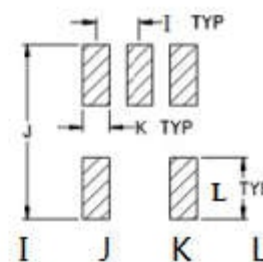
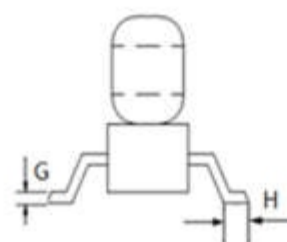
1.27 4.83 0.76 1.50

Pad Layout



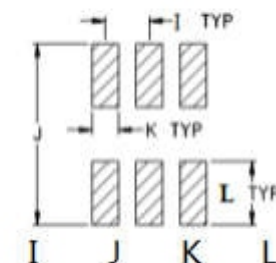
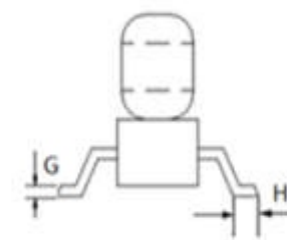
2.54 7.80 0.90 1.50

Pad Layout



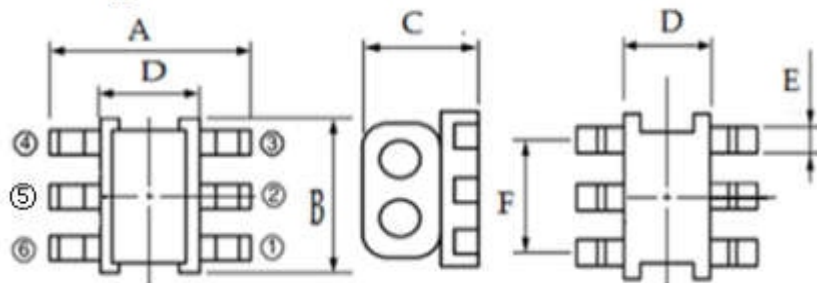
1.27 5.50 0.76 1.50

Pad Layout

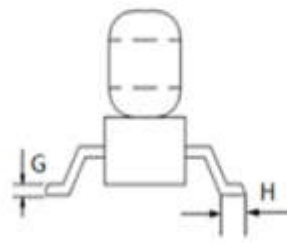


1.27 5.50 0.76 1.50

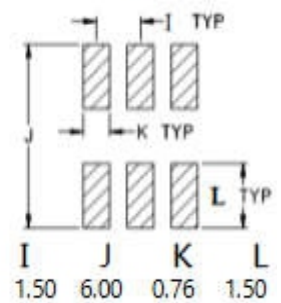
Package : B008



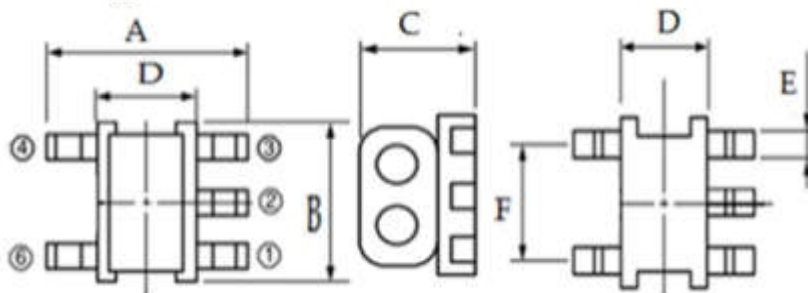
A=5.10±0.20 B=4.30±0.20 C=3.20±0.20 D=2.80±0.20 E=0.50±0.10 F=3.00±0.10 G=0.25±0.10 H=0.50±0.10



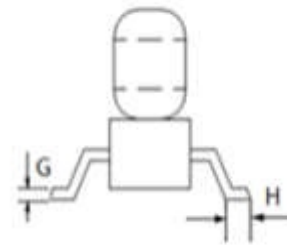
Pad Layout



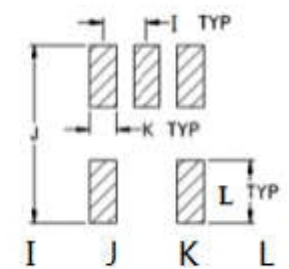
Package : B009



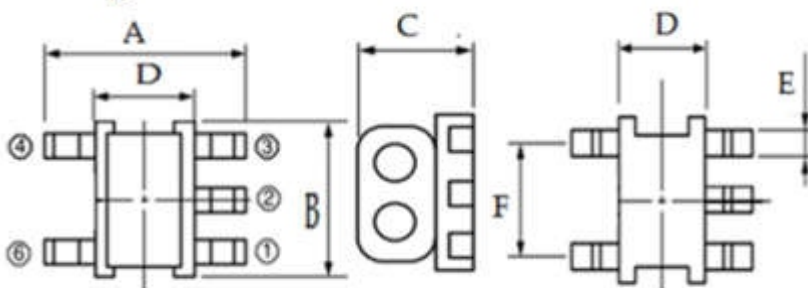
A=5.10±0.20 B=4.30±0.20 C=3.20±0.20 D=2.80±0.20 E=0.50±0.10 F=3.00±0.10 G=0.25±0.10 H=0.50±0.10



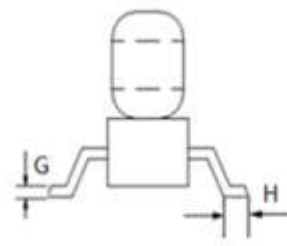
Pad Layout



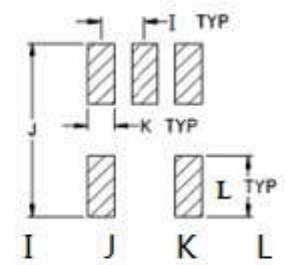
Package : B010



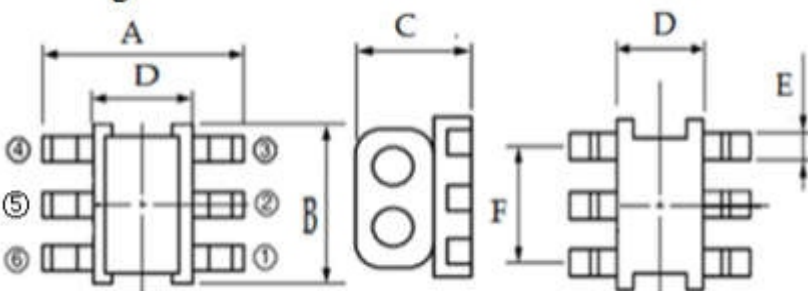
A=6.20±0.20 B=6.00±0.20 C=4.30±0.20 D=4.00±0.20 E=0.60±0.10 F=4.00±0.10 G=0.25±0.10 H=0.50±0.10



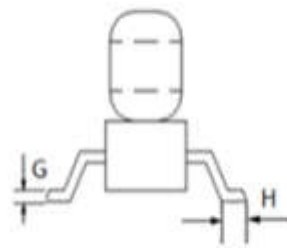
Pad Layout



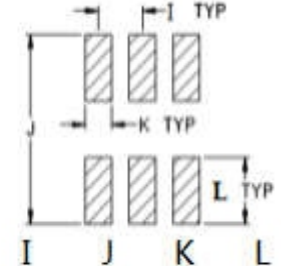
Package : B011



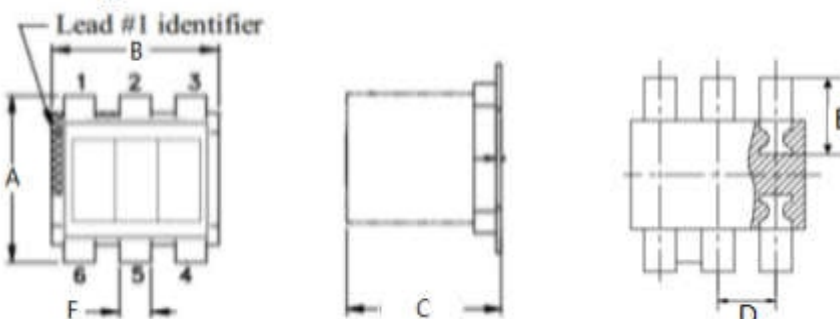
A=6.20±0.20 B=6.00±0.20 C=4.30±0.20 D=4.00±0.20 E=0.60±0.10 F=4.00±0.10 G=0.25±0.10 H=0.50±0.10



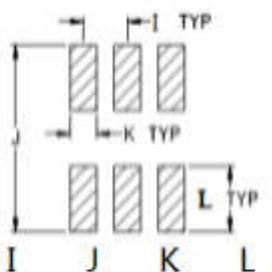
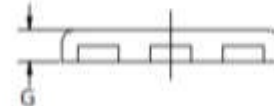
Pad Layout



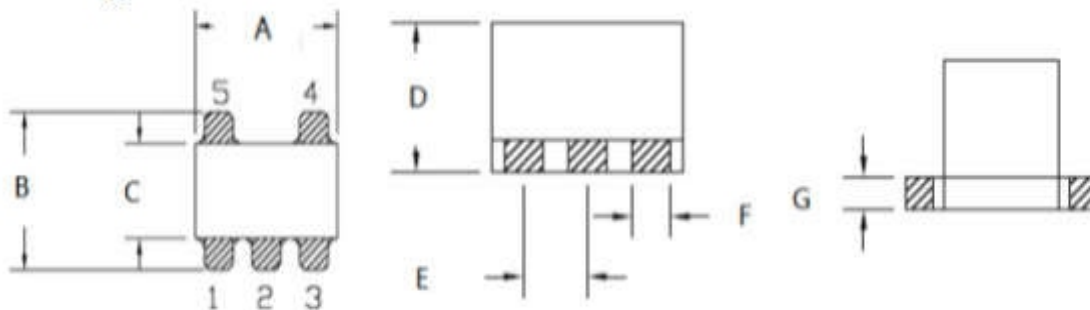
Package : B012



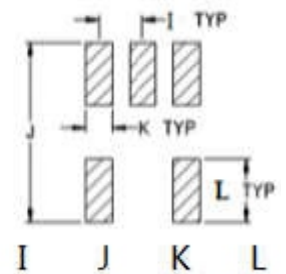
A=4.20±0.20 B=3.80±0.20 C=2.80±0.20 D=1.27±0.10 E=1.20±0.20 F=0.76±0.10 G=0.55±0.10



Package : B013



Pad Layout



A=3.80±0.20 B=3.80±0.20 C=2.30±0.20 D=2.80±0.20 E=1.27±0.10 F=0.76±0.10 G=0.60±0.10 I=1.27 J=4.83 K=0.76 L=1.50

Schematic:

Fig A

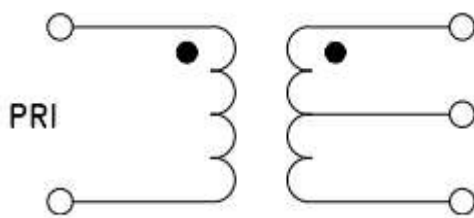


Fig B

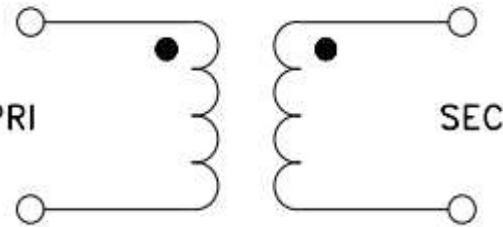


Fig C

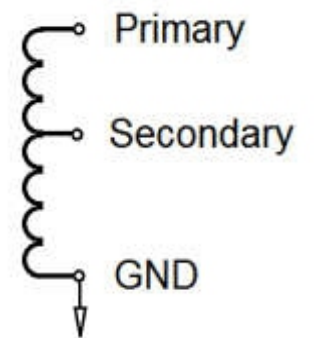


Fig D

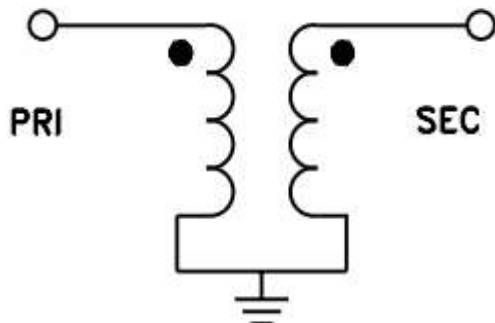


Fig E

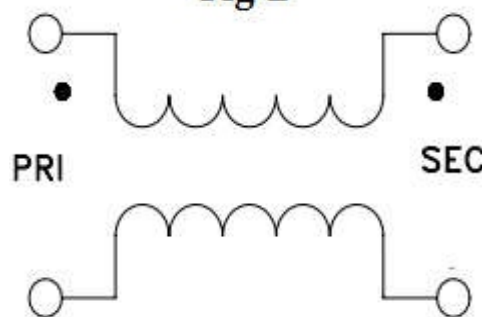


Fig F

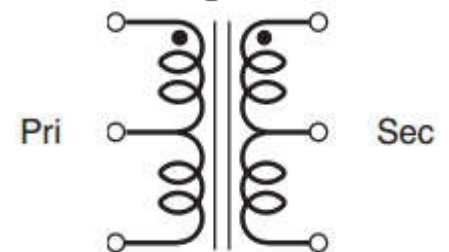


Fig G

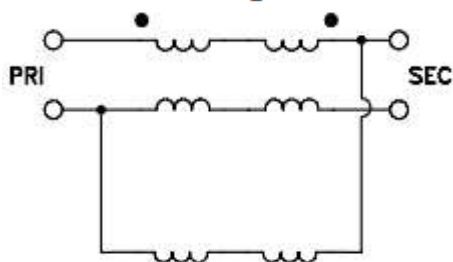


Fig H

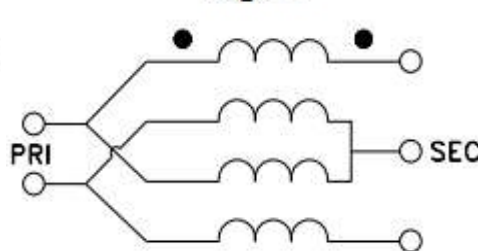


Fig I



Fig J

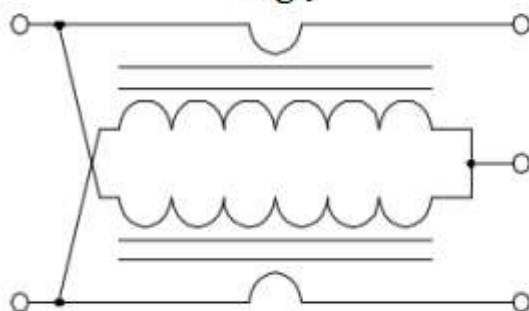


Fig K

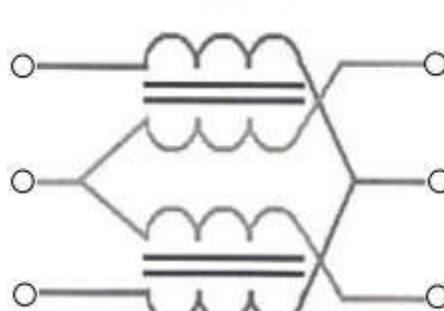


Fig L

