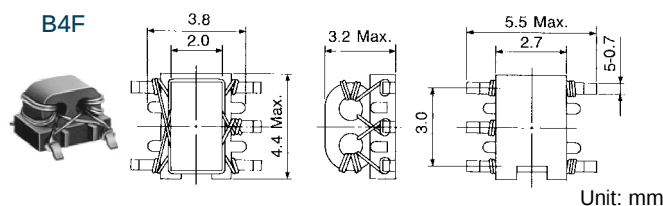


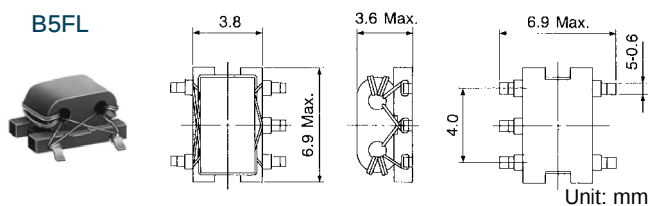
TYPE B4F: Surface Mount



Features

- Pair wire coil for high stability.
- Base pin terminal treated, allowing mounting 'as is' on a PCB.

TYPE B5FL: Surface Mount



Applications

- Double balance mixers, broad-band transformers, impedance transformers, etc.

STANDARD TRANSFORMERS SELECTION GUIDE

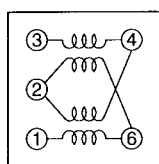
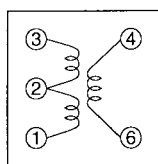
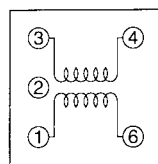
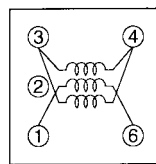
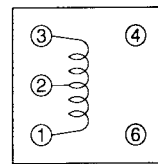
TYPE B4F

TOKO Part Number	Number of Turns per Winding	Operating Frequency Range (MHz)	Insertion Loss (dB)	Fig.
Double Balanced Mixer				
617DB-1007	2	25~2000	3	1
617DB-1009	3	6~2000	3	1
617DB-1006	3	150~2300	3	1
617DB-1010	4	3.5~2000	3	1
617DB-1018	5	2~2000	3	1
Frequency Mixer				
617PT-1025	1	—	—	2
617PT-1019	2	8~750	3	2
617PT-1026	3	3.5~700	3	2
Balun Transformer				
617DB-1021	1½	20~750	3	3
617DB-1022	2½	4.5~3300	3	3
617DB-1023	3½	2.3~2700	3	3
617DB-1024	4½	1.5~2400	3	3
Distributor				
617DS-1079	2	1300~1700	IN to OUT-1,2 4.5dB max.	5
617DS-1076	3	800~1000	IN to OUT-2 (ISOLATION) 15dB min.	5

TYPE B5FL

TOKO Part Number	Number of Turns per Winding	Operating Frequency Range (MHz)	Insertion Loss (dB)	Fig.
Double Balanced Mixer				
616DB-1003	2	30~850	3	1
616DB-1004	3	6.5~1000	3	1
616DB-1007	4	3.5~1600	3	1
616DB-1008	5	2.5~1500	3	1
Frequency Mixer				
616PT-1027	1	—	3	2
616PT-1028	2	8~550	3	2
616PT-1029	3	3.5~500	3	2
616PT-1030	4	2~370	3	2
616PT-1037	1	—	3	2
616PT-1038	2	500~850	3	2
616PT-1039	3	240~500	3	2
616PT-1040	4	85~380	3	2
Balun Transformer				
616DB-1048	1½	5.5~850	3	3
616DB-1049	2½	2.5~2000	3	3
616DB-1050	3½	1.2~1700	3	3
616DB-1051	4½	0.8~1400	3	3
616DB-1078	5½	0.6~1300	3	3
Balun Transformer				
616DB-1053	1½	160~2200	3	4
616DB-1017	2½	55~1700	3	4
616DB-1054	3½	30~1400	3	4

Pin Connections

Double balanced
Fig. 1Mixer transformer
Fig. 2Balun transformer
Fig. 3Balun transformer
Fig. 4Distributor
Fig. 5