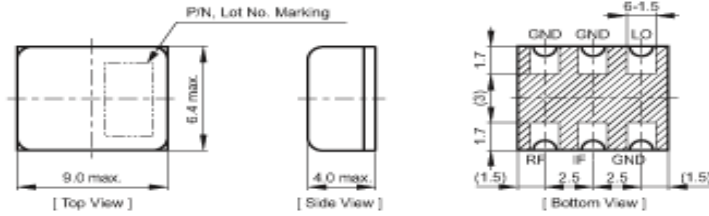


Single Balanced Mixers SBM 9A Series

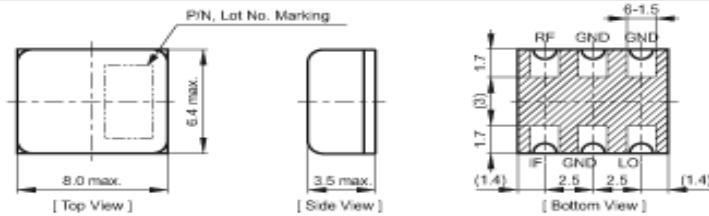
Dimensions

Unit:mm

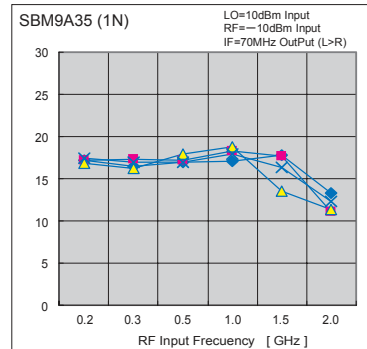
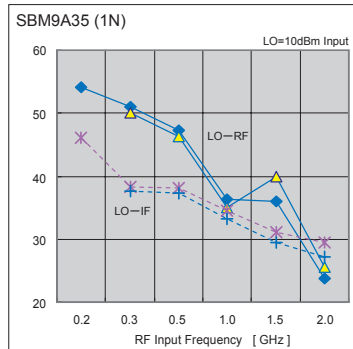
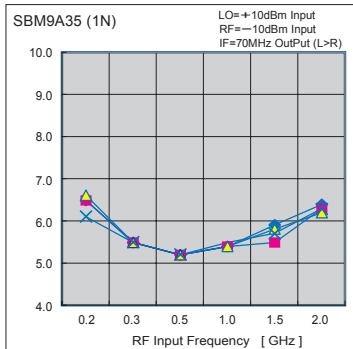
[SBM9A3]



[SBM9A4]



Characteristics



Rating

Style No.	Frequency Range [MHz]	Lo Power (Operated) [dBm]	Max. Input Power [mW]	Conversion Loss [dB]	Isolation [dB]	Compression [dBm]	IP ₃ [dBm]	Working Temp. Range [C]
SBM9A34(2N)	LO: 50~350 RF: 100~300 IF: 5~55	+7	180 max.	8.0 max.	L-R 20 min. L-I 25 min.	+5.5 (Typ.)	+12.8 (Typ.)	-30 ~+85
SBM9A44(2M)	LO: 50~350 RF: 100~300 IF: 5~55	+7	180 max.	8.0 max.	L-R 25 min. L-I 40 min.	+4.2 (Typ.)	+12.8 (Typ.)	-30 ~+85
SBM9A45(1M)	LO: 300~800 RF: 300~800 IF: 5~100	+7	180 max.	7.0 max.	L-R 25 min. L-I 40 min.	+4.2 (Typ.)	+14.0 (Typ.)	-30 ~+85
SBM9A35(1N)	LO: 300~2000 RF: 300~2000 IF: 5~100	+10	180 max.	8.0 max.	L-R 20 min. L-I 20 min.	+6.2 (Typ.)	+17.0 (Typ.)	-30 ~+85
SBM9A46(4M)	LO: 400~1000 RF: 400~1000 IF: 5~120	+7	180 max.	7.0 max.	L-R 20 min. L-I 35 min.	+4.1 (Typ.)	+14.0 (Typ.)	-30 ~+85