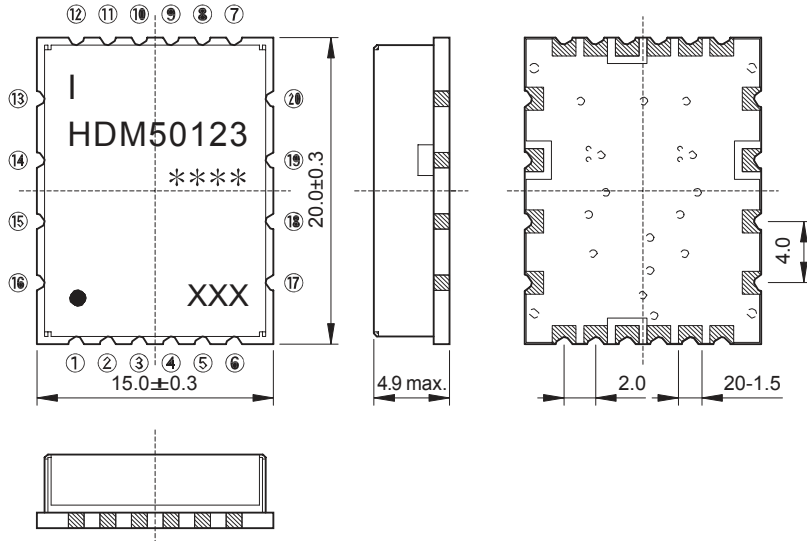
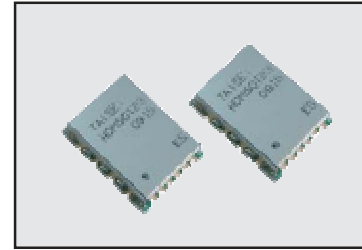


IQ Mixer

Dimensions

Unit : mm

HDM50123-0900-G



- ①, ②, ③ GND
- ④ Lo IN
- ⑤, ⑥, ⑦, ⑧ GND
- ⑨ Rf IN
- ⑩, ⑪, ⑫, ⑬ GND
- ⑭ (Q) OUT
- ⑮, ⑯, ⑰, ⑱ GND
- ⑲ Q() OUT
- ⑳ GND

General Specifications

Frequency Range [MHz]	Lo Power [dBm]	Conversion Loss [dB]	I/Q Balance [dB]	1 dB Compression [dBm]	Isolation [dB]	Impedance [Ω]	Max. Input Power [W]
⑨ Rf IN : 800 ~ 1000 ④ Lo IN : 700 ~ 1100 ⑭, ⑲ IQ OUT : DC ~ 100	+10 typ.	13 max. 10 typ.	2.0 max. 0.5 typ.	0 min.	Lo - Rf : 20 min. Lo - I/Q : 20 min. Rf - I/Q : 10 min.	50	1

Working Temperature Range -30 ~ +85 C

Schematics

