

PART NUMBER

QM1926B

Customer		WRITTEN BY	
Date	17/07/06	CHECKED BY	PIZQ
Importance Point		APPROVAL BY	

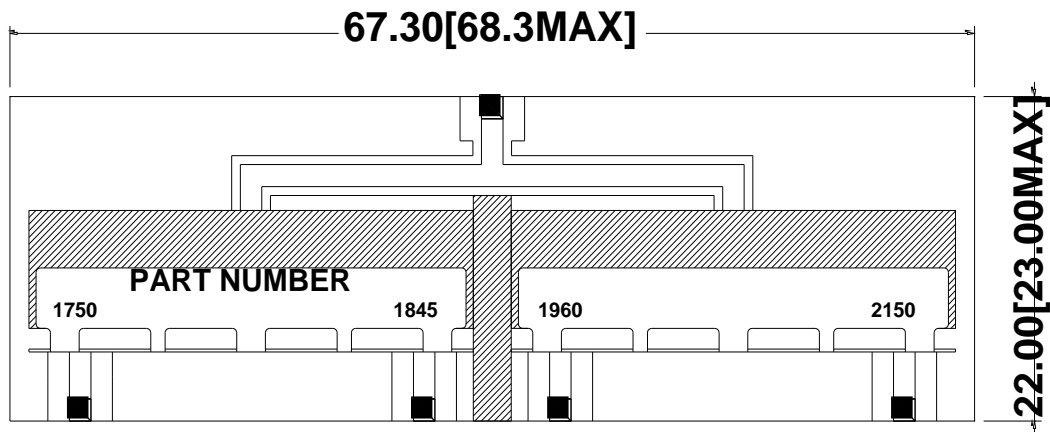
1.0 ELECTRICAL SPECIFICATION

ITEMS	CH 1	CH 2	CH 3	CH 4	UNIT
1.1 Center Frequency [fo]	1750.0	1845.0	1960.0	2150.0	MHz
1.2 Bandwidth [BW]	fo± 15.0 [ 1735.0 ~ 1765.0 ]	fo± 15.0 [ 1830.0 ~ 1860.0 ]	fo± 20.0 [ 1940.0 ~ 1980.0 ]	fo± 20.0 [ 2130.0 ~ 2170.0 ]	MHz
1.3 Insertion Loss in BW	2.3 全温 2.5	2.3 全温 2.5	2.6 全温 2.8	2.3 全温 2.5	dB max.
1.4 Ripple in BW	1.0	1.0	1.0	1.0	dB max.
1.5 Return Loss in BW	<input type="checkbox"/> ANT Port				dB min.
1.6 V S W R in BW	<input checked="" type="checkbox"/> ALL Port	16.0	16.0	16.0	max.
1.7 Attenuation <input checked="" type="checkbox"/> Absolute Value <input type="checkbox"/> Relative Value	25 dBc min. @ [ DC ~ 800.0 ]	25 dBc min. @ [ DC ~ 800.0 ]	25 dBc min. @ [ DC ~ 800.0 ]	25 dBc min. @ [ DC ~ 800.0 ]	MHz
	50 dBc min. @ [ 800.0 ~ 960.0 ]	50 dBc min. @ [ 800.0 ~ 960.0 ]	50 dBc min. @ [ 800.0 ~ 960.0 ]	50 dBc min. @ [ 800.0 ~ 960.0 ]	MHz
	22 dBc min. @ [ 1000.0 ~ 1690.0 ]	30 dBc min. @ [ 1000.0 ~ 1710.0 ]	30 dBc min. @ [ 1000.0 ~ 1710.0 ]	30 dBc min. @ [ 1000.0 ~ 1710.0 ]	MHz
	30 dBc min. @ [ 1805.0 ~ 1920.0 ]	37 dBc min. @ [ 1710.0 ~ 1785.0 ]	40 dBc min. @ [ 1710.0 ~ 1785.0 ]	50 dBc min. @ [ 1710.0 ~ 1785.0 ]	MHz
	40 dBc min. @ [ 1920.0 ~ 1980.0 ]	35 dBc min. @ [ 1920.0 ~ 1980.0 ]	45 dBc min. @ [ 1805.0 ~ 1880.0 ]	40 dBc min. @ [ 1805.0 ~ 1880.0 ]	MHz
	50 dBc min. @ [ 2010.0 ~ 2025.0 ]	48 dBc min. @ [ 2010.0 ~ 2025.0 ]	15 dBc min. @ [ 1900.0 ~ 1915.0 ]	50 dBc min. @ [ 1880.0 ~ 1980.0 ]	MHz
	50 dBc min. @ [ 2110.0 ~ 2170.0 ]	40 dBc min. @ [ 2110.0 ~ 2170.0 ]	15 dBc min. @ [ 2010.0 ~ 2025.0 ]	50 dBc min. @ [ 2010.0 ~ 2025.0 ]	MHz
	30 dBc min. @ [ 2170.0 ~ 2300.0 ]	48 dBc min. @ [ 2320.0 ~ 2370.0 ]	50 dBc min. @ [ 2110.0 ~ 2170.0 ]	40 dBc min. @ [ 2320.0 ~ 2370.0 ]	MHz
	35 dBc min. @ [ 2320.0 ~ 2370.0 ]	40 dBc min. @ [ 2400.0 ~ 2485.0 ]	30 dBc min. @ [ 2170.0 ~ 2300.0 ]	40 dBc min. @ [ 2400.0 ~ 2485.0 ]	MHz
	30 dBc min. @ [ 2400.0 ~ 2485.0 ]	24 dBc min. @ [ 2500.0 ~ 2690.0 ]	40 dBc min. @ [ 2320.0 ~ 2370.0 ]	35 dBc min. @ [ 2500.0 ~ 2690.0 ]	MHz
	15 dBc min. @ [ 2500.0 ~ 2690.0 ]	15 dBc min. @ [ 3300.0 ~ 3600.0 ]	38 dBc min. @ [ 2400.0 ~ 2485.0 ]	20 dBc min. @ [ 3300.0 ~ 3600.0 ]	MHz
	15 dBc min. @ [ 3300.0 ~ 3700.0 ]	15 dBc min. @ [ 3660.0 ~ 3700.0 ]	30 dBc min. @ [ 2500.0 ~ 2690.0 ]	20 dBc min. @ [ 4260.0 ~ 4340.0 ]	MHz
	dBc min. @ [ ~ ]	dBc min. @ [ ~ ]	15 dBc min. @ [ 3300.0 ~ 3600.0 ]	dBc min. @ [ ~ ]	MHz
	1.8 Isolation	CH1-----CH2	50dB min@1735-1765/50dB min@1830-1860/30dB min@1765-1830MHz		
CH3-----CH4		55dB min@1940-1980/52dB min@2130-2170/30dB min@1980-2130MHz			MHz
CH1-----CH3		45dB min@1735-1765/45dB min@1940-1980/30dB min@1765-1940MHz			MHz
CH1-----CH4		50dB min@1735-1765/52dB min@2130-2170/30dB min@1765-2130MHz			MHz
CH2-----CH3		50dB min@1830-1860/40dB min@1940-1980/30dB min@1860-1940MHz			MHz
CH2-----CH4		45dB min@1830-1860/45dB min@2130-2170/30dB min@1860-2130MHz			MHz
1.9 Coupling					dB
1.10 Input Power	5.0				W max.
1.11 In/Out Impedance	50				Ω
1.12 Operation Temperature Range	-40℃ to +85℃				℃

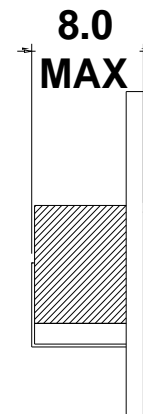
2.MECHANICAL SPECIFICATION

Parameter			Comment
Dimensions (W*D*H)	(mm)		
	(inch)		

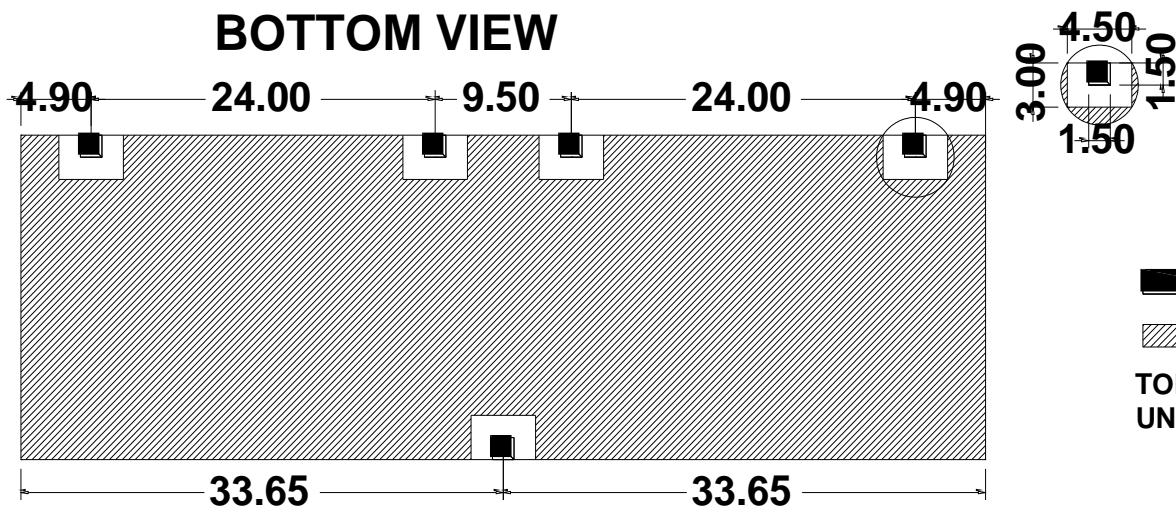
### TOP VIEW





### SIDE VIEW



### BOTTOM VIEW



 I/O PORT

 GROUND

TOLERANCE :  $\pm 0.20$

UNIT: mm