

M-QD10@Schottky diodes MMIC

Schottky Quadruple module

Feature:

- Input Freq: 82GHz~88GHz
- Input Power:300mW
- Output Power: 20 mW
- DC:-5V, -10V
- Harmonic suppression: -30dBc
- Made in China
- MOQ: 2pcs
- Chip or Package module available

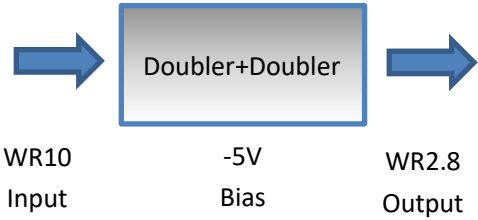
Electrical Characteristics:

Item	Min	Typ	Max	Unit
Output Freq	330	340	350	GHz
Input Freq	82.5	85	87.5	GHz
Input Power	270	300	330	mW
Output Power	15	20	23	mW
DC	-8	-5	-3	V
DC	-	0.01	-	mA

Maximum Ratings:

Negative voltage	-10 V, -10 V
Max.Input Power	330 mW
Storage Temp	-60°C~150°C
Operating Temp	-30°C~85°C

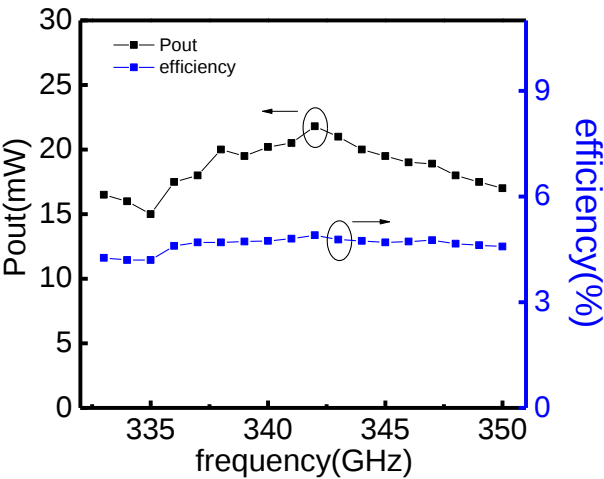
Assembly Diagram:



Notes: Module size: 20mm*22mm*25mm



Measured Performance:



Tips:

- 1) Storage: The module must be placed in a container with static protection function and under nitrogen environment.
- 2) Cleaning treatment: Bare chips must be operated and used in a clean environment, which is prohibited Liquid cleaners clean the chips.
- 3) ESD handling precautions: Please strictly abide by ESD protection requirements to avoid electrostatic damage.
- 4) Routine operation: Use a vacuum chuck or precision pointed tweezers to take the chip. Avoid touching the chip surface with tools or fingers during the operation.
- 5) Power-up sequence: When powering up, first add the grid voltage and then the leakage voltage; when powering down, go first Leakage voltage, then remove the gate voltage.
- 6) Please contact us by sales@teraradar.com if any questions.