

Non-Catalog Model

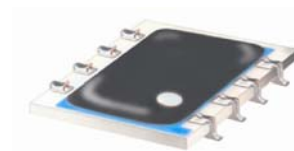
Frequency Mixer

MBY-20H

Level 17 (LO Power +17 dBm)

Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.



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CASE STYLE : SM18

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | | |
|---------------------------------------|---------------|------|------|------|-------|
| Parameter | | Min. | Typ. | Max. | Units |
| Frequency | LO (fL to fU) | 1700 | | 2200 | MHz |
| | RF (fL to fU) | 1700 | | 2200 | MHz |
| | IF | 0 | | 700 | MHz |
| Conversion Loss | mid band | | 5.5 | 8.5 | dB |
| LO-RF Isolation | Low Range | 24 | 31 | | dB |
| LO-IF Isolation | Low Range | 23 | 30 | | dB |
| IP3 Input | | | +23 | | dBm |
| 1 dB Comp. Input Power | | | +10 | | dBm |

Note: aqueous washable

| MAXIMUM RATINGS | |
|-----------------------|----------------|
| Operating Temperature | -40°C to 85°C |
| Storage Temperature | -55°C to 100°C |
| RF Power | 200mW |
| IF Current | 40mA |

| PIN CONNECTIONS | |
|-----------------|---------------|
| LO | 5 |
| RF | 1 |
| IF | 7 |
| GROUND | 2, 3, 4, 6, 8 |

Electrical Schematics

