

Frequency Mixer

SIM-ED12399/10

Level 17 (LO Power + 17 dBm)

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : HV1195

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | | |
|---------------------------------------|---------------|------|------|-------|-------|
| Parameter | | Min. | Typ. | Max. | Units |
| Frequency | LO (fL to fU) | 3200 | | 15000 | MHz |
| | RF (fL to fU) | 3200 | | 15000 | MHz |
| | IF | 10 | | 4000 | MHz |
| Conversion Loss | Total Range | | 7 | | dB |
| LO-RF Isolation | | | 36 | | dB |
| LO-IF Isolation | | | 19 | | dB |
| Input IP3 | | | +21 | | dBm |
| 1 dB Compression | | | +11 | | dBm |

| MAXIMUM RATINGS | |
|-----------------------|-----------------|
| Operating Temperature | -40°C to +85°C |
| Storage Temperature | -55°C to +100°C |

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

Electrical Schematics

