

Frequency Mixer

ADE-ED10905/1

Level 7 (LO Power + 7 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.



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CASE STYLE : CD542

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | | |
|---------------------------------------|--|------|------|------|-------|
| Parameter | | Min. | Typ. | Max. | Units |
| Frequency | LO (f _L to f _U) | 847 | | 1917 | MHz |
| | RF (f _L to f _U) | 847 | | 1917 | MHz |
| | IF | 55 | | 900 | MHz |
| Conversion Loss | Total Range | | 6.5 | | dB |
| LO-RF Isolation | | | 42 | | dB |
| LO-IF Isolation | | | 27 | | dB |
| Input IP3 | | | +14 | | dBm |
| 1 dB Compression | | | 0 | | dBm |

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

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

Electrical Schematics

