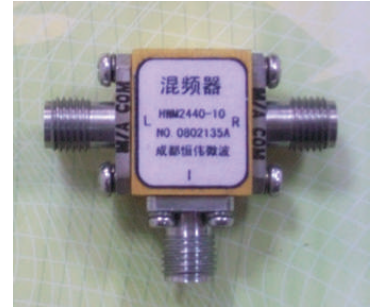




- ◆ Operating frequency range: 18~40GHz
- ◆ Small size, flexible and multiform structure
- ◆ Mature technology, stable and reliable performances
- ◆ LO DRIVE : +15dBm(nominal)



Guaranteed Specification^{1,2}

Characteristics	Min.	Typ.	Max.	Test Conditions
Frequency Range				
RF	18GHz		40GHz	
LO	18GHz		40GHz	
IF	Dc		18GHz	
Isolation				
L to R		35dB		
R to I		32dB		
L to I		35dB		
Conversion Loss		10dB		
Noise Figure (SSB)		10dBm		
1 dB Compression		11dBm		
IP3 (Input)		18dBm		
IP2 (Input)		43dBm		

Notes:

1. Measured in a 50-ohm system with nominal LO drive and downconverter application only, unless otherwise specified.
2. Typical values are measured at +25°C.



HENGWEI MICROWAVE

DOUBLE&TRIPLE-BALANCED MIXER

HWM1840C

Absolute Maximum Ratings

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

Storage Temperature: -65°C to $+150^{\circ}\text{C}$

Peak Input Power: $+26\text{dBm}$ max.at $+25^{\circ}\text{C}$ $+23\text{dBm}$ max. at $+100^{\circ}\text{C}$

Peak Input Current (25°C) : 100mA DC

Weight HWM1840C: 35grams max.

Outline Drawings

