



Electrical:

Frequency Range: LO	133-147	Mhz	
Frequency Range: RF	133-147	Mhz	
Frequency Range: IF	DC-50	Mhz	
LO Power Level:	+10 to +13	dBm	Typ
Conversion Loss:	8.0 / 9.0	dB	Typ / Max
Amplitude Balance I - Q:	0.4	dB	Max
Phase Balance I - Q:	3	Degrees	Max
Isolation: LO-IF	35	dB	Min
Isolation: LO-RF	45	dB	Min
Isolation: RF-I, RF-Q	25	dB	Min
Input 1 dB Compression:	+5	dBm	Typ
Phase at Q-port is +90 deg. relative to I-port when frequency RF > LO			
Input Two-Tone Third Order Intercept Point:	+15	dBm	Typ
Operating Temp.:	-55 to +80°C		
Weight:	64	grams	Typ
Operating Humidity:	Up to 90% non-condensing		

Specifications:

SigaTek

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QD16A10

**I, Q Demodulator SMA
Quad IF Mixer**

Dimensions are in inches and (mm)
Decimal Tolerance:
2 place +- 0.020
3 place +- 0.010

CAGE CODE : 69UC1

Notes: All dimensions are typical unless they are specified.
Specifications are subject to change at any time without any notice.
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