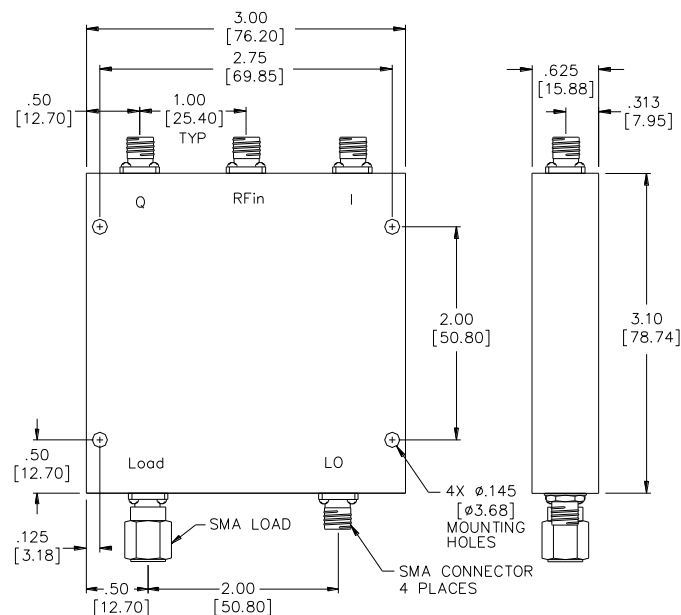




Electrical:

Frequency Range: LO	12000-14000	Mhz	
Frequency Range: RF	12000-14000	Mhz	
Frequency Range: IF	DC-300	Mhz	
LO Power Level:	+10 to +13	dBm	Typ
Conversion Loss:	11.0 / 12.0	dB	Typ / Max
Amplitude Balance I - Q:	1.4	dB	Max
Phase Balance I - Q:	10	Degrees	Max
Isolation: LO-IF	30	dB	Min
Isolation: LO-RF	40	dB	Min
Isolation: RF-I, RF-Q	20	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:	240	grams	Typ
Operating Humidity:	Up to 90% non-condensing		

Specifications:

SigaTek

423 Black Oak Ridge Rd.
Wayne, NJ 07470
Ph: 973-706-8475, Fax: 973-832-4435
www.sigatek.com

QD31A11

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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