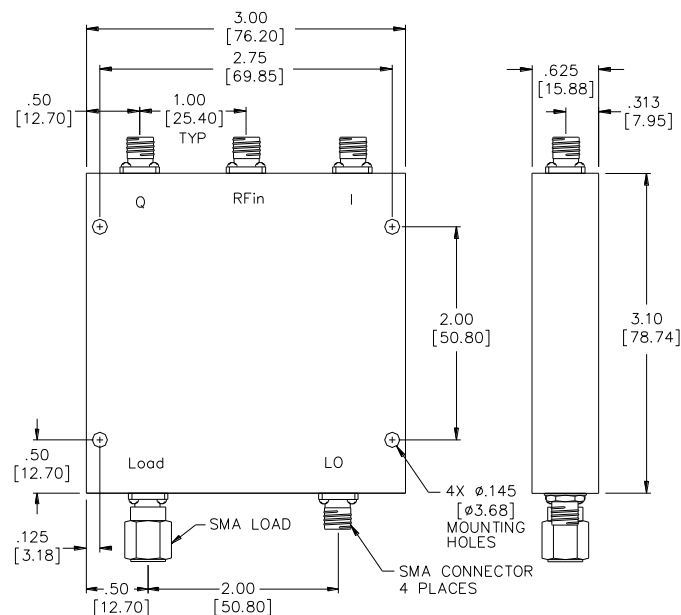




Electrical:

Specifications:

Frequency Range: LO	8000-10000	Mhz	
Frequency Range: RF	8000-10000	Mhz	
Frequency Range: IF	DC-300	Mhz	
LO Power Level:	+10 to +13	dBm	Typ
Conversion Loss:	10.0 / 11.0	dB	Typ / Max
Amplitude Balance I - Q:	1.2	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		

SigaTek

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

QD29A11

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.
Copy or distribution of this drawing is not allowed without Sigatek's approval.