



Electrical:

Specifications:

Frequency Range: LO	28-32	Mhz	
Frequency Range: RF	28-32	Mhz	
Frequency Range: IF	DC-10	Mhz	
LO Power Level:	+10 to +13	dBm	Typ
Conversion Loss:	7.5 / 8.5	dB	Typ / Max
Side Band Rejection:	30	dBc	Min
Carrier Rejection:	30	dBc	Min
Input 1 dB Compression:	+5	dBm	Typ
Low side is Rejected when Q-port is +90 degree relative to I-port			
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		

SigaTek

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QM12A10

**I, Q Side Band Modulator
SMA Connectors**

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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