

APPLICATIONS and Usage	Product FEATURES
<ul style="list-style-type: none"> • Test Equipment • Radar & Electronic Warfare • Communication systems 	<ul style="list-style-type: none"> • IF Can Cover DC-3.5 GHz • High Image Rejection and Isolation • Excellent Amplitude & Phase Balance • SMA (F) Connector, Drop-In Type • Low Lo Drive Power • Low Conversion Loss

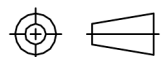
ELECTRICAL SPECIFICATIONS @25°C:

Parameter	Min	Typical	Max	Units
INPUT PARAMETERS				
RF Frequency Range	0.5		1	GHz
RF input VSWR		2.5:1		Ratio
LO frequency Range	0.5		1	GHz
LO Power Range		13		dBm
LO VSWR		2.0		Ratio
TRANSFER CHARACTERISTICS				
Conversion Loss		7.5		dB
Single-sideband noise figure		7.5		dB
Image rejection		35		dBc
LO-to-RF isolation		45		dB
LO-to-IF isolation		20		dB
RF-to-IF isolation		20		dB
Input power at 1 dB compression		+14		dBm
Input two-tone third-order intercept point		+24		dBm
Amplitude balance		0.2		dB
Phase Balance		5		Degree
OUTPUT PARAMETERS				
output IF frequency	DC		1000	MHz
output IF VSWR		1.5:1		Ratio

All Features is customizable Based on Customer Request

Part Number:

IIRM-010510



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Date

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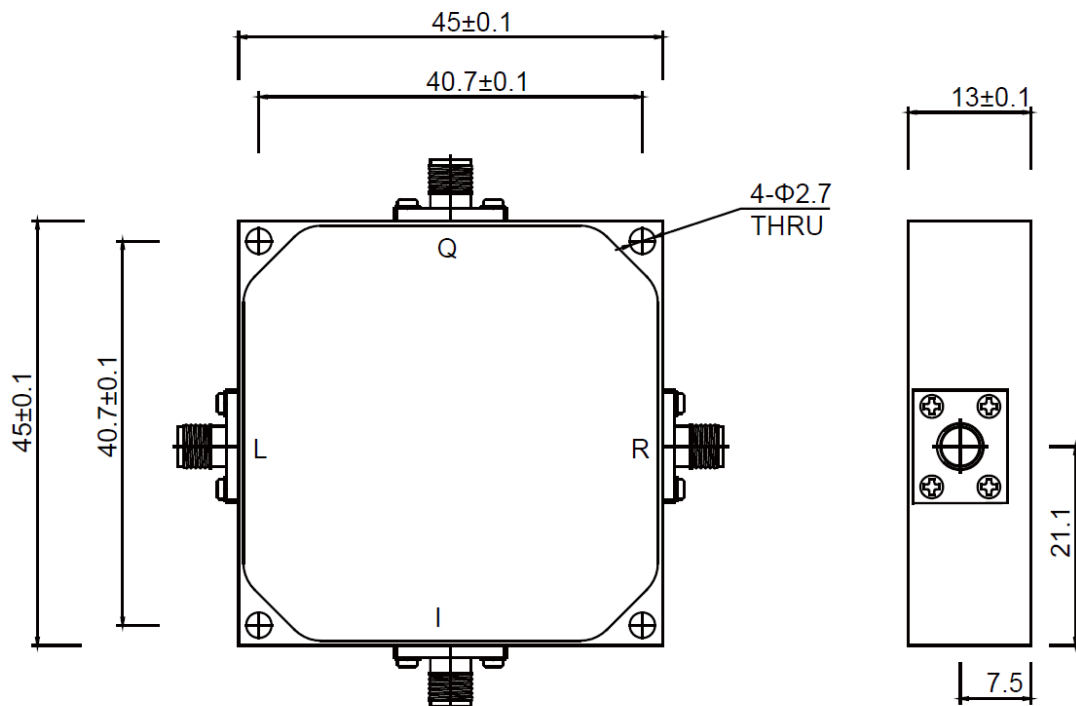
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Air bone		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Case type	45*45*13	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

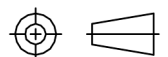
OUTLINE DRAWING (mm):



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