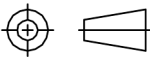





APPLICATIONS and Usage	Product FEATURES
<ul style="list-style-type: none"> • Test Equipment • Radar & Electronic Warfare • Communication systems 	<ul style="list-style-type: none"> • Small Structure, Low Cost, Drop-In Type • Wideband Frequency Range, High Reliability • Field Removable SMA(F) Available • Low Conversion Loss • Low LO Drive Power

ELECTRICAL SPECIFICATIONS @25°C:

Parameter	Min	Typical	Max	Units
INPUT PARAMETERS				
RF Frequency Range	0.05		5	GHz
RF input VSWR		3:1		Ratio
LO frequency Range	0.05		5	GHz
LO Power Range	7		13	dBm
LO VSWR		3:1		Ratio
TRANSFER CHARACTERISTICS				
Conversion Loss		5.5		dB
Single-sideband noise figure		6		dB
LO-to-RF isolation		30		dB
LO-to-IF isolation		20		dB
RF-to-IF isolation		20		dB
Input power at 1 dB compression		+5		dBm
Input two-tone third-order intercept point		13		dBm
OUTPUT PARAMETERS				
output IF frequency	DC		1.5	GHz
output IF VSWR		2.5:1		Ratio

All Features is customizable Based on Customer Request	Part Number: IIRM-000550	
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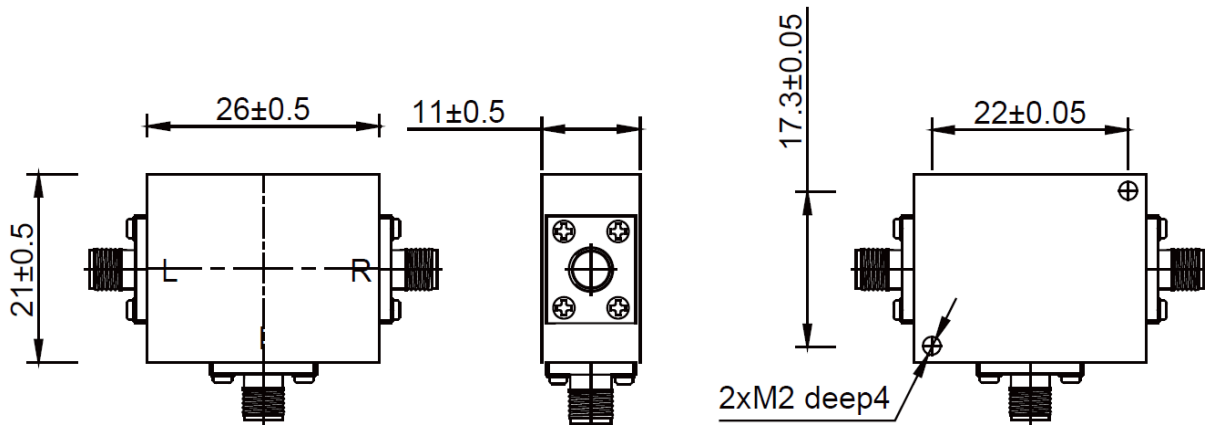
ENVIRONMENTAL RATINGS:

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	26*21*11	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

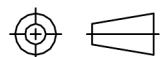
OUTLINE DRAWING (mm):



All Features is customizable Based on Customer Request

Part Number:

IIRM-000550



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