

HXXF1091G Power Limiter

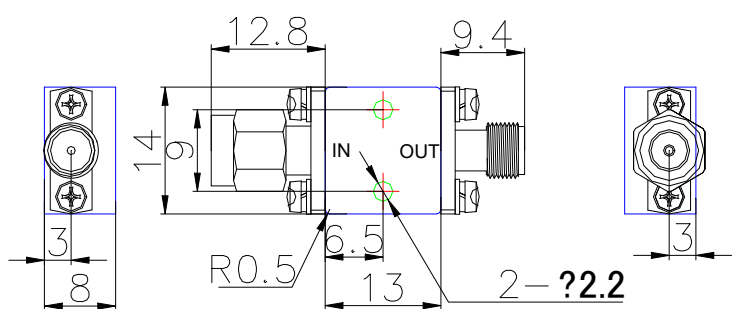
1. Description

ID	Items	Specifications
1-1	Type	Absorptive Power Limiter
1-2	Frequency Range	DC~18GHz
1-3	Insertion Loss	$\leq 0.5\text{dB@DC} \sim 6\text{GHz}$ $\leq 0.8\text{dB@DC} \sim 12\text{GHz}$ $\leq 1.0\text{dB@DC} \sim 18\text{GHz}$ $\leq 1.2\text{dB@DC} \sim 20\text{GHz}$
1-4	Power Handling	$\leq 40\text{dBm}$ CW Typical
1-5	Flat Leakage	$\leq 16\text{dBm}$ Typical
1-6	VSWR	≤ 2.0
1-7	Impedance	50Ω
1-8	Input Connectors	SMA-M
1-9	Output Connectors	SMA-F

2. Environmental Specifications

ID	Items	Specifications
2-1	Operational Temperature	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
2-2	Storage Temperature	$-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$

3. Outline Drawing

ID	Items	Specifications
3-1	Outline Drawing	Unit: mm
Tolerances: $\pm 0.1\text{mm}$  The drawing includes three views: a top view on the left showing a rectangular footprint with dimensions 12.8mm by 9.4mm and a central circular feature; a side view in the middle showing the profile with dimensions 12.8mm, 9.4mm, 14mm, 6.5mm, 13mm, and a radius R0.5; and a front view on the right showing the SMA connectors with a dimension of 3mm. Labels 'IN' and 'OUT' indicate the input and output ports. A note '2-?2.2' is present near the bottom right of the side view.		
3-2	Material	Copper
3-3	Finished	Nick Plated
3-4	Weight	$\leq 20\text{g}$

NOTE: ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.