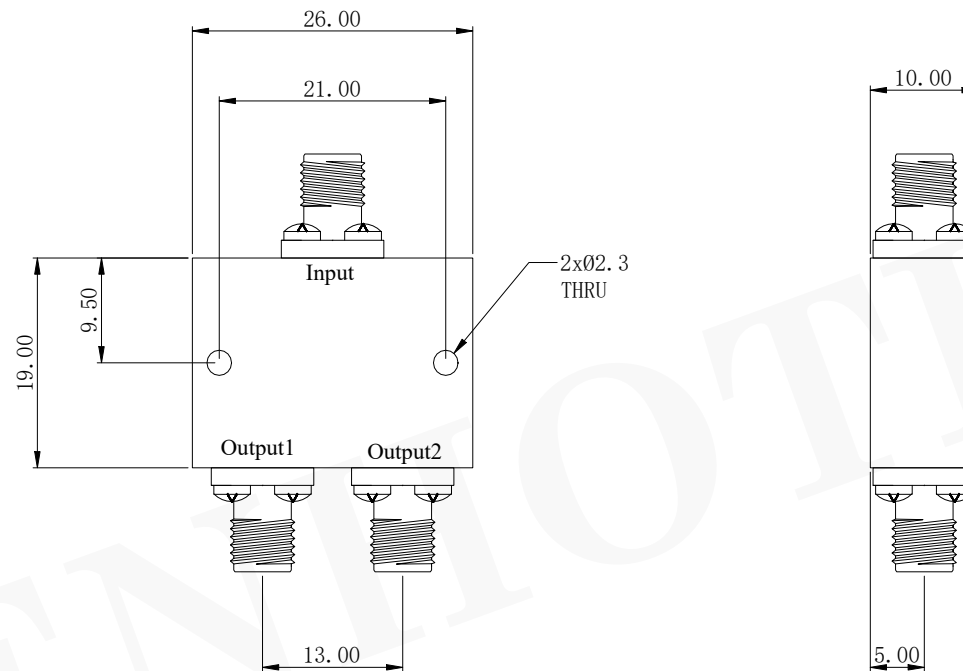




REV	DESCRIPTION	DWN	DATE	APPROVEN
R1.0	First issue	Gavin	2026/05/06	JIM. KING



Product Name: RF Power Divider
Impedance: 50 Ω
Frequency Range: 18-40 GHz
Input Port VSWR: Typ.1.28/Max.1.5
Output Port VSWR: Typ.1.26/Max 1.5
Insertion loss: $\leq 1.0\text{dB}$ (excluding theoretical loss of 3.0dB)
Isolation: Typ.22dB/Min.18dB
Amplitude: Balance $\pm 0.4\text{dB}$
Phase Balance: $\pm 5^\circ$
Power: splitter takes 20W; Combiner combiner takes 1W
Connector type: 2.92 Female
Service life: ≥ 500
Operating Temperature: $-45^\circ\text{C} \sim 85^\circ\text{C}$

-TOLERANCES- UNLESS OTHERWISE SPECIFIED	 RENHOTECH GROUP					
	PART DESCRIPTION: 2.92MM FEMALE STAGE COMBINER					
UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE: 0.5 - 8mm $\pm 0.20\text{mm}$ 8 - 30mm $\pm 0.25\text{mm}$ 30 - 120mm $\pm 0.30\text{mm}$	Appd: JIM. KING	P/N: RHT-639-7151				
	Check:	Date	Scale	Unit	Type	Page
	Draw: Gavin	2026.05.06	Free	MM	Z	1/1