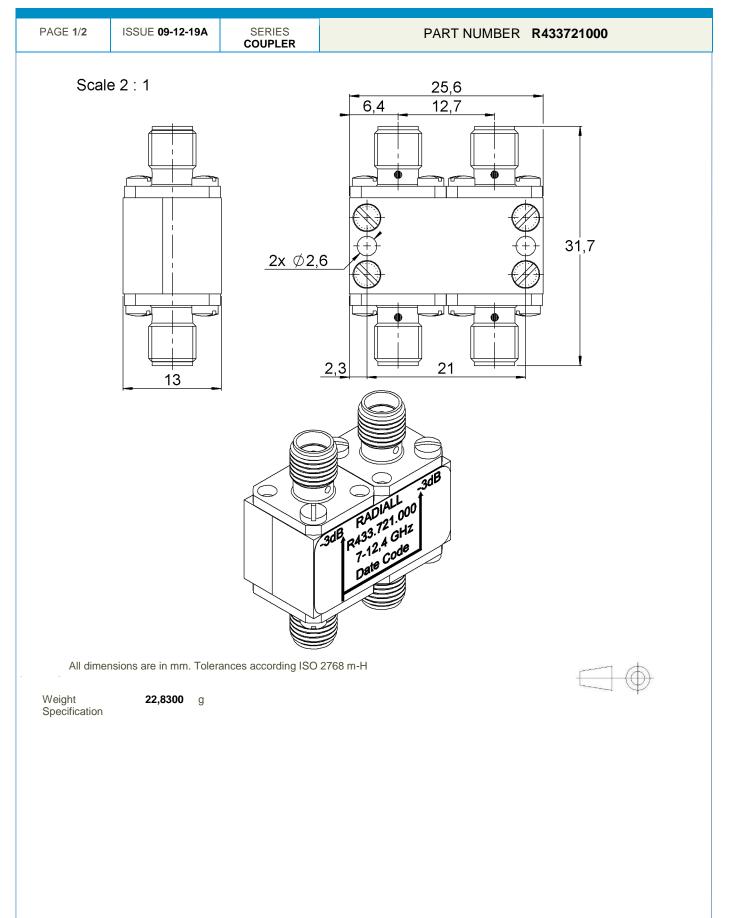
#### **Technical Data Sheet**

30W 7-12.4GHZ 3DB HYBRID COUPLER





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SERIES COUPLER

PART NUMBER R433721000

## **ELECTRICAL CHARACTERISTICS**

Frequency operating range :	7 – 12.4 GHz
Impedance :	50 Ω
VSWR :	1.35 max.
Nominal Coupling :	3 dB
Insertion Loss :	0.4 dB max.
Isolation :	18 dB mini
Amplitude Balance :	$\pm 0.5 \text{ dB}$
Phase Balance :	90° ±6°
Average Power at 25°C	30W
Peak Power at 25°C	3000W

#### **MECHANICAL CHARACTERISTICS**

Connector type : SMA female per MIL-C 39012

### **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature :	-25°C/+85°C
Storage temperature :	-40°C / +100°C

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