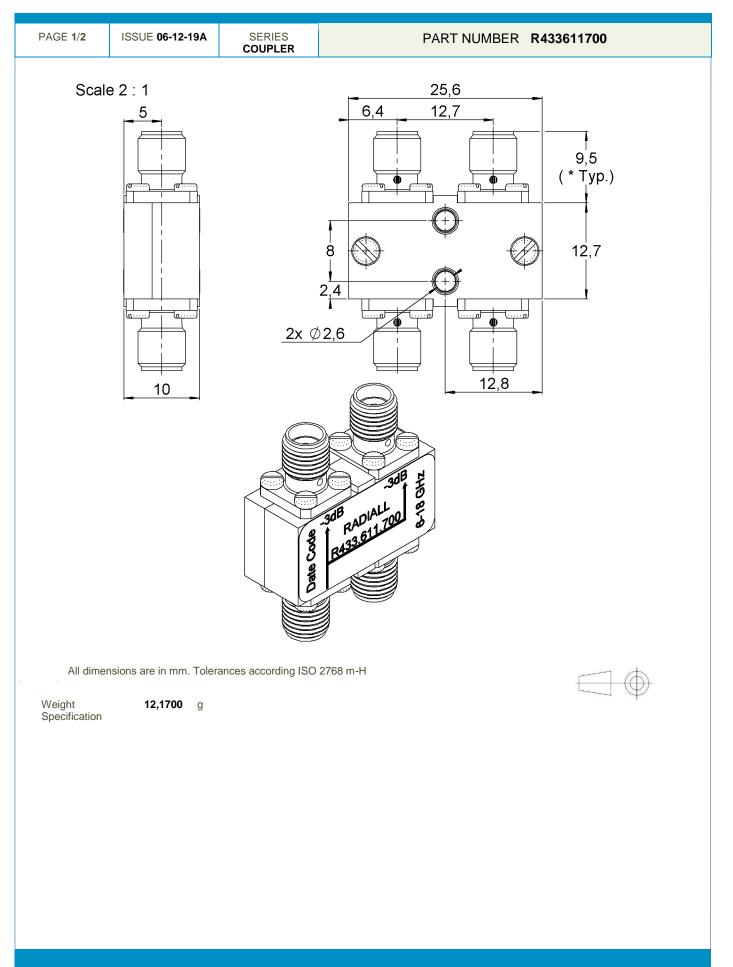
Technical Data Sheet



3 DB 90° 6-18 GHZ CROSS OVER HYBRID COUPLER



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SERIES COUPLER

PART NUMBER R433611700

ELECTRICAL CHARACTERISTICS

Frequency operating range :	6 – 18 GHz
Impedance :	50 Ω
VSWR :	1.50 max.
Nominal Coupling :	3 dB
Insertion Loss :	0.6 dB max.
Isolation :	15 dB mini
Amplitude Balance :	$\pm 0.6 \text{ dB}$
Phase Balance :	$90^{\circ} \pm 6^{\circ}$
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 :	-40°C / +100°C
Storage temperature :	-40°C / +100°C

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