



**30 W**

**6 - 18 GHz**

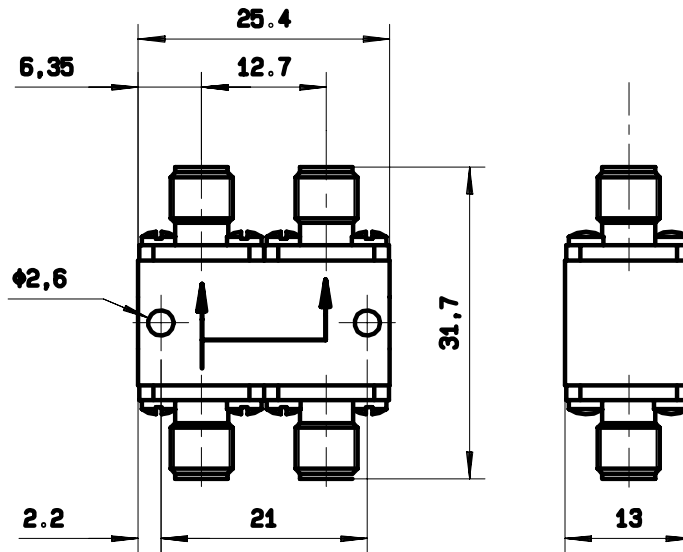
**3dB**

**HYBRID COUPLER**

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**DRAWING**



**R F CHARACTERISTICS**

General tolerances: +/- 0.5 mm

FREQUENCY RANGE	:	6 - 18 GHz
IMPEDANCE	:	50 Ohms
NOMINAL COUPLING	:	3 dB
AMPLITUDE BALANCE	:	± 0.6 dB
PHASE BALANCE	:	90° ± 6°
ISOLATION	:	≥ 16 dB
INSERTION LOSS	:	≤ 0.6 dB
V.S.W.R	:	≤ 1.35
AVERAGE POWER at 25°C	:	30 W
PEAK POWER at 25°C (1µs,1%.)	:	3 kW

**MECHANICAL CHARACTERISTICS**

CONNECTORS	:	SMA female per MIL-C 39012
WEIGHT	:	< 25 g

**ENVIRONMENTAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE	(°C)	:	-25 , +85
STORAGE TEMPERATURE RANGE	(°C)	:	-40 , +100

This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary

4112-9212

CREATION					
N° :					
PEN/EP:CAT					
Name:SB					
Date:30.nov.94					
APP.:VE					
ISSUE		REVISIONS		NAME	APPR.

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