



30 W

7 - 12.4 GHz

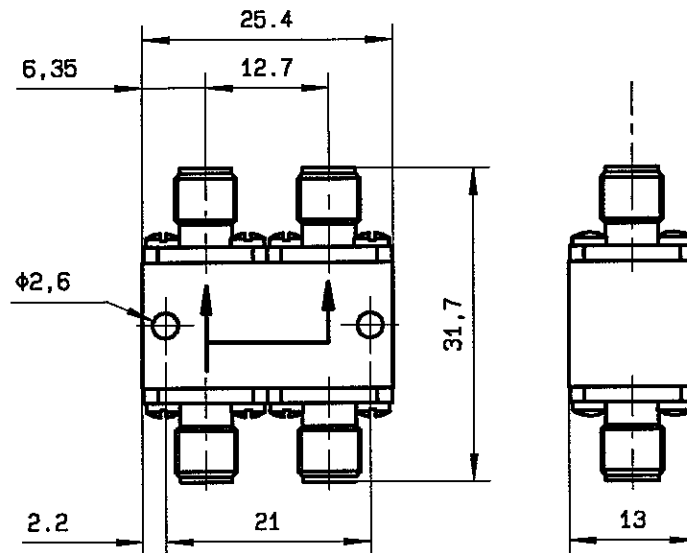
3dB

HYBRID COUPLER

issue
13.feb.95

Page
1 / 1

DRAWING



R F CHARACTERISTICS

General tolerances: +/- 0.5 mm

FREQUENCY RANGE	: 7 - 12.4GHz
IMPEDANCE	: 50 Ohms
NOMINAL COUPLING	: 3 dB
AMPLITUDE BALANCE	: ± 0.5 dB
PHASE BALANCE	: 90° ± 6°
ISOLATION	: ≥ 18 dB
INSERTION LOSS	: ≤ 0.4 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.

CREATION N° : PEN/EP:CAT Name:SB Date:13.feb.95 APP.:VE					
	ISSUE	REVISIONS	NAME	APPR.	

RADIALL®

101. rue P. Hoffmann -Z.I Ouest-
93116 ROSNY/BOIS Cedex-FRANCE
Phone:33(1)49353535
Fax :33(1)48546363
Tvx RADIA 235220F

4412-9212