

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

50 W

0.9 - 2.1 GHz

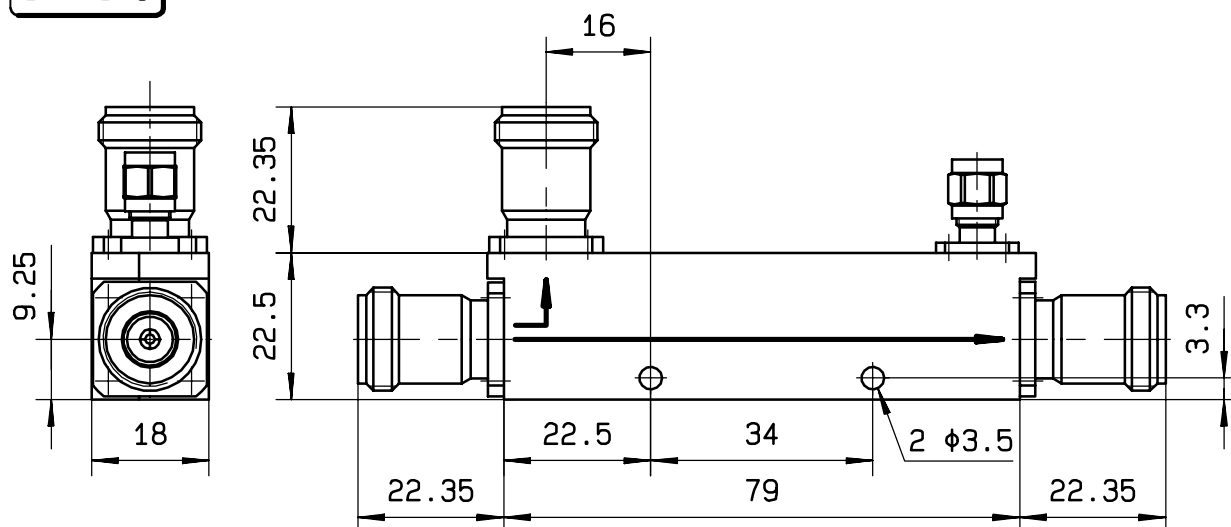
20dB

DIRECTIONAL COUPLER

issue
21.oct.93

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DRAWING



R F CHARACTERISTICS

General tolerances: +/- 0.5 mm

FREQUENCY RANGE	:	0.9 - 2.1 GHz
IMPEDANCE	:	50 Ohms
COUPLING (*)	:	20 dB ± 0.5 dB
FREQUENCY SENSITIVITY	:	± 0.3 dB
DIRECTIVITY	:	>= 22 dB
INSERTION LOSS	:	<= 0.4 dB
V.S.W.R	- Main line	<= 1.20
	- Coupled line	<= 1.20
AVERAGE POWER at 25°C	:	50 W
PEAK POWER at 25°C (1µs,1%.)	:	3 kW

MECHANICAL CHARACTERISTICS

CONNECTORS	:	N female per MIL-C 39012
COAXIAL TERMINATION	:	50 Ohms, 1 W
WEIGHT	:	< 175 g

ENVIRONMENTAL CHARACTERISTICS

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

* : Frequency sensitivity is included in coupling

QUALITY Dpt app. _____			
CREATION			
PEN : CAT			
EP : -----			
Nom : VE	21.oct.93	Storage temperature range -25+85-->-40+100	VE
Date:13.nov.92	ISSUE	REVISIONS	NAME

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