



RADIALL

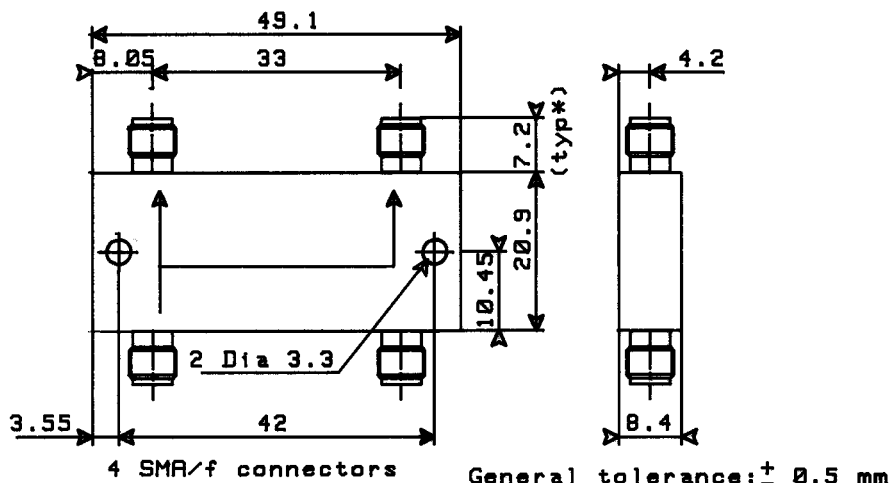
® R432 431000

**TECHNICAL
DATA SHEET**

TITLE 3 dB 90° 1 - 2 GHz CROSS OVER HYBRID COUPLER

LTR. A

DRAWING:



ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE	: 1 - 2 GHz
IMPEDANCE	: 50 Ohms
NOMINAL COUPLING	: 3 dB
ISOLATION	: 25 dB
AMPLITUDE BALANCE	: ± 0.5 dB
PHASE BALANCE	: 90° ± 5°
V.S.W.R.	: 1.20 max.
INSERTION LOSS	: 0.3 dB max.
AVERAGE POWER	: 100 W CW at 25°C
PEAK POWER	: 3 kW (1µS, 1%.) at 25°C

MECHANICAL CHARACTERISTICS:

CONNECTORS	: SMA female per MIL C 39012
WEIGHT	: 60 g

ENVIRONMENTAL CHARACTERISTICS:

OPERATING TEMPERATURE RANGE	: - 25°C + 70°C
STORAGE TEMPERATURE RANGE	: - 25°C + 70°C

PEN
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QUALITY Dpt App.



04-11-2002

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DATE
28/02/92

NAME
K. LUCIEN

LTR

REVISIONS

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