



RADIALL

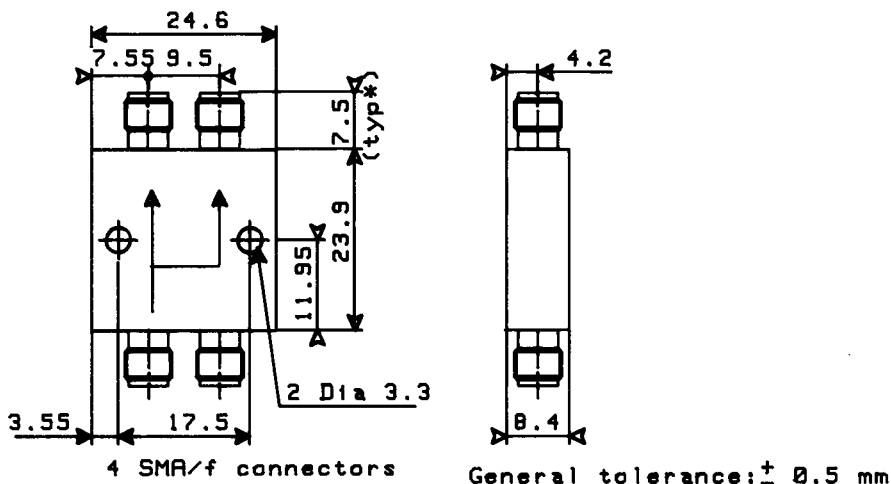
R432 631000

TECHNICAL DATA SHEET

TITLE 3 dB 90° 4 - 8 GHz HYBRID COUPLER

LTR. R

DRAWING:



ELECTRICAL CHARACTERISTICS:

- FREQUENCY RANGE : 4 - 8 GHz
- IMPEDANCE : 50 Ohms
- NOMINAL COUPLING : 3 dB
- ISOLATION : 19 dB
- AMPLITUDE BALANCE : ± 0.50 dB
- PHASE BALANCE : 90° ± 5°
- INSERTION LOSS : 0.30 dB max.
- V.S.W.R. : 1.25 max.
- AVERAGE POWER : 50 W CW at 25°C
- PEAK POWER : 3 kW (1µS, 1%) at 25°C

MECHANICAL CHARACTERISTICS:

- CONNECTORS : SMA female per MIL C 39012
- MAXIMUM WEIGHT : 40 g

ENVIRONMENTAL CHARACTERISTICS:

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

Tentative data subject to change without notice. 3294 - 9011

PEN CAT	QUALITY Dpt App. 12 NOV 1991				
	PAGE 1/1	DATE 10/09/91	NAME K.LUCIEN	LTR	REVISIONS
				DATE	APP.