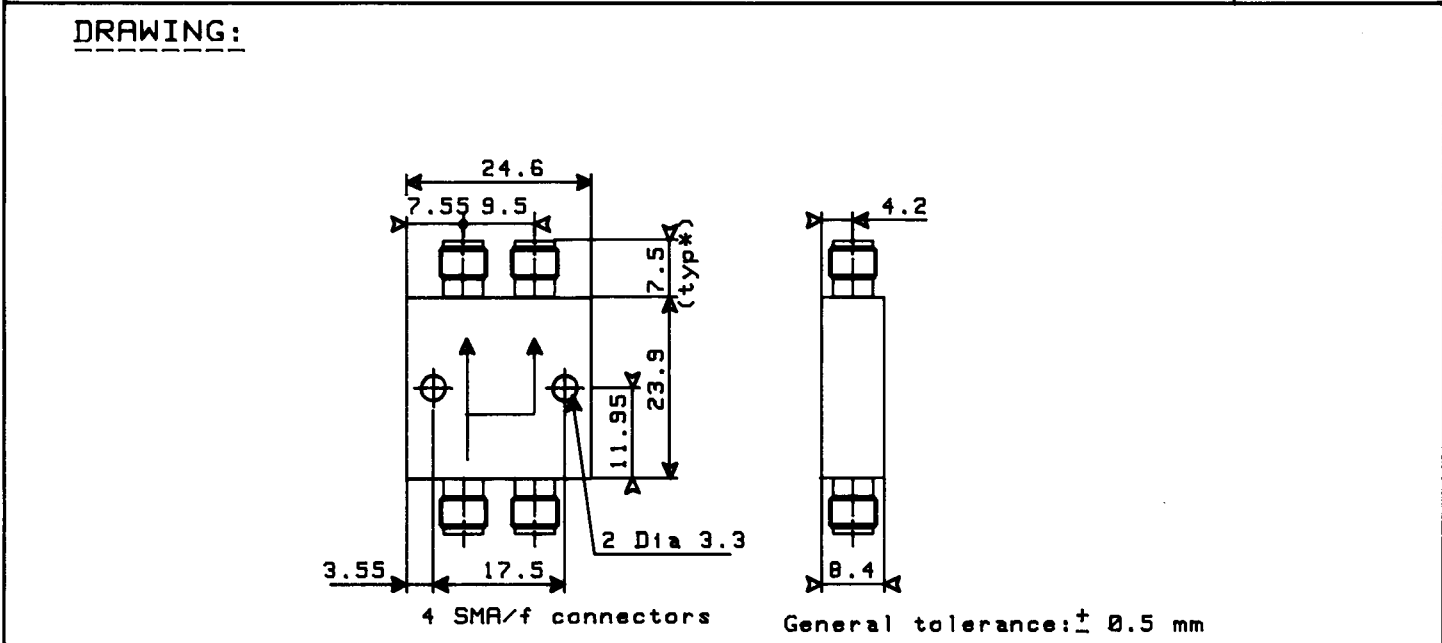


TITLE

3 dB 90° 4 - 8 GHz HYBRID COUPLER

LTR.

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ELECTRICAL CHARACTERISTICS:	
FREQUENCY RANGE	: 4 - 8 GHz
IMPEDANCE	: 50 Ohms
NOMINAL COUPLING	: 3 dB
ISOLATION	: 19 dB
AMPLITUDE BALANCE	: ± 0.50 dB
PHASE BALANCE	: $90^\circ \pm 5^\circ$
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

PEN CAT	QUALITY Dpt App. 12 NOV 1991				
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