

MICROWAVE MODULES LIMITED

RADIO CONSULTANTS and MANUFACTURERS

Directors: R. B. PORTER, B.Eng. R. A. BUTTERFIELD, B.Sc.

Registered No. 966284 England

Bankers: Barclays Bank, Heywoods Branch, Liverpool.

Account No.: 00600598

Giro Account: 683 4159

Cable Address: Microwave, Liverpool.

Registered Office and Factory:

BROOKFIELD DRIVE
AINTREE
LIVERPOOL, L9 7AN
ENGLAND

Tel. 051-523 4011

Our Ref.

Your Ref.

Date FEBRUARY 1976.

70 MHZ MOSFET CONVERTER. (MMC 70/28 and MMC 70/28LO).

Specification.

Input frequency:	70 - 70.7 Mhz.
IF output frequency:	28 - 28.7 Mhz.
Typical gain:	30dB.
Maximum noise figure:	2.5dB.
Typical image rejection:	65dB.
Power requirements:	12 volts \pm 25% at 35 mA.
Other IF's available:	4 - 4.7 14 - 14.7 18 - 18.7 mhz.
Power output at 42 Mhz. LO VERSION ONLY.	5 milliwatts into 75 ohms.

Power Connections.

Power connectors are located on one of the smaller end faces of the diecast box, which also has the IF output socket located there.

In case of doubt the RED connector is the POSITIVE supply, and the BLACK connector is the NEGATIVE supply, which is the earth on all of our products UNLESS otherwise stated. As these connectors are manufactured from PTFE it is quite safe to solder directly to them with no risk of damaging them.

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MMC 70/28 (and 70/28LO) CIRCUIT DIAGRAM.

