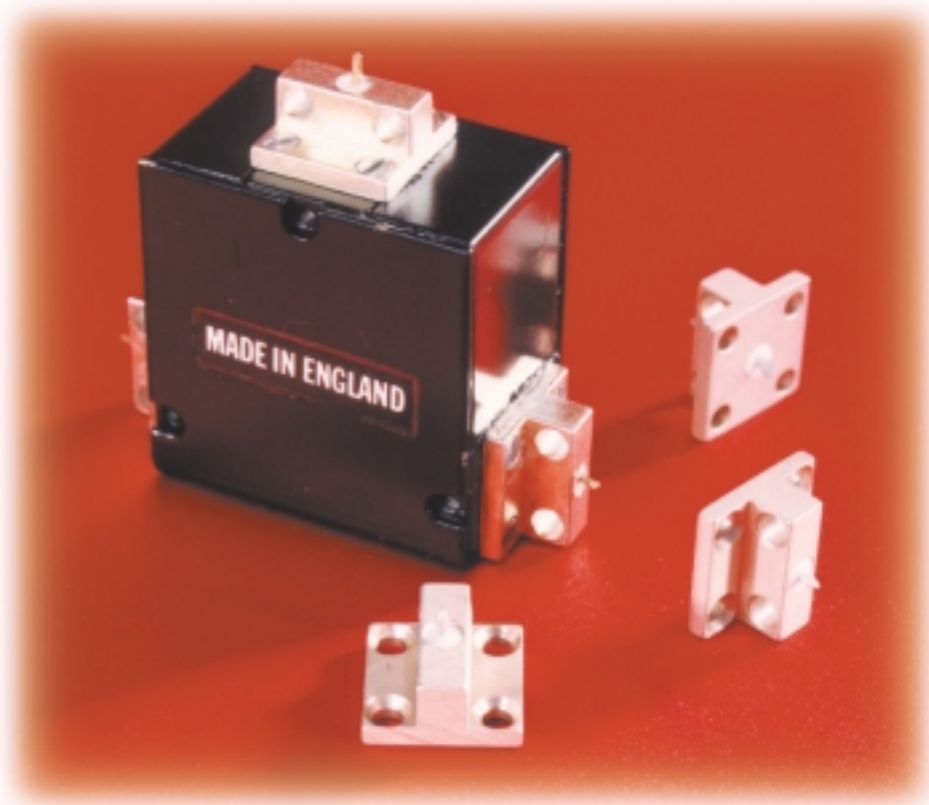


EGSM CIRCULATOR WITH TAB CONNECTORS



GENERAL INFORMATION

This device is supplied for use in base station amplifiers, supplied with Tab connectors they can be directly soldered to the pcb. The advantage of the Tab connector is a better electrical interface between the amplifier and the circulator by using a secure grounding at the connection point and by enabling a good 50 ohm path to be supplied right to the pcb track. As we are able to interface this connector directly with an SMA female we can eliminate the need for a separate test jig which gives a guaranteed performance which is not dependant on test jig configurations. A double version can be supplied to provide higher isolation. The circulators are manufactured to the high standards of Quality and Reliability associated with DML Microwave, at our U.K. facility. A similar device is available for use at PCN or DCS frequencies.

FEATURES

- High Isolation
- Minimum Insertion Loss

- Single or Double Circulator
- Choice of Mechanical Configuration

SPECIFICATIONS

Frequency Range	925 - 960 MHz
Insertion Loss	0.2 dB max.
Isolation	23 dB min.
VSWR	1.25:1 max.
Power Rating	100 Watt CW
Impedance	50 W
Operating Temperature Range	-10 to +70 °C

NOTES

Size	33.7 x 31.6 x 20.5mm
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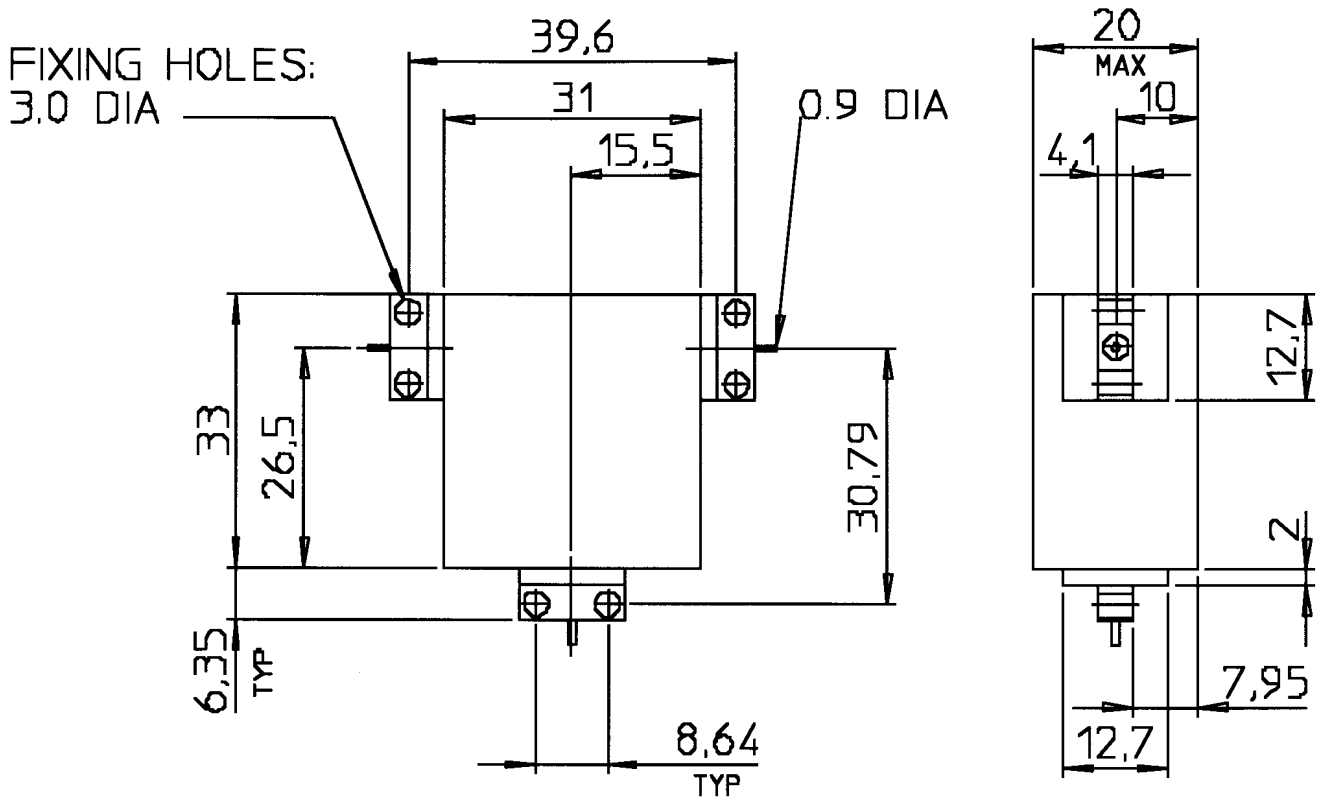
DATA SHEET 5 *Edition 2*



Chandlers Way, Temple Farm Industrial Estate,
Southend-on-Sea, Essex SS2 5SE
Phone: +44 (0) 1702 463440
Fax: +44 (0) 1702 463670
email: sales@dmlmicrowave.co.uk
www.dmlmicrowave.com



BLOCK DIAGRAM & MECHANICAL OUTLINE



Dimensions in millimetres

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