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BAND-SWITCHING DIODES FOR SURFACE MOUNTING

Switching diodes in a SOD-80 envelope, intended for band switching in v.h.f. television tuners. A special feature of these diodes is their low capacitance.

These SM diodes are leadless diodes in an hermetically sealed micro-miniature glass envelope with tin-plated metal discs at each end. They are suitable for Automatic Placement and as such they can withstand immersion soldering.

The diodes are delivered in "super 8" tape.

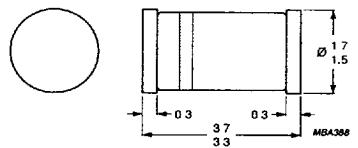
QUICK REFERENCE DATA

			BA682	BA683
Continuous reverse voltage	V_R	max.	35	35
Forward current (d.c.)	I_F	max.	100	100
Junction temperature	T_j	max.	150	150
Diode capacitance $V_R = 3$ V; $f = 1$ MHz	C_d	<	1,25	1,2
Series resistance at $f = 200$ MHz $I_F = 3$ mA $I_F = 10$ mA	r_D	<	0,7 0,5	1,2 0,9

MECHANICAL DATA

Dimensions in mm

Fig. 1 SOD-80.



The cathode is indicated by a red band