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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.

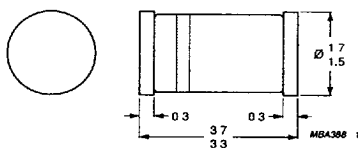
### QUICK REFERENCE DATA

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

### MECHANICAL DATA

Dimensions in mm

Fig. 1 SOD-80.



The cathode is indicated by a red band