

1N454

**GOLD BONDED DIODES**

RATINGS Limiting values in accordance with the Absolute Maximum System

Voltages

Continuous reverse voltage	$V_R$	max.	50 V
Repetitive peak reverse voltage	$V_{RRM}$	max.	58 V
Non-repetitive peak reverse voltage ( $t < 1$ s)	$V_{RSM}$	max.	58 V

Currents

Forward current (d.c.)	$I_F$	max.	200 mA
Average rectified forward current (averaged over any 20 ms period)	$I_{F(AV)}$	max.	200 mA

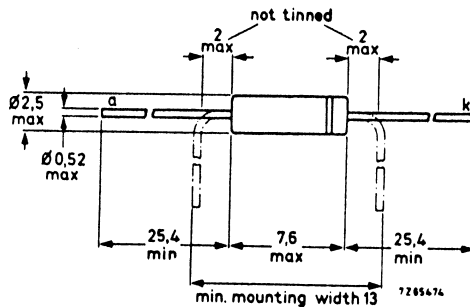
Temperatures

Storage temperature	$T_{stg}$	-65 to +85 °C
Junction temperature	$T_j$	max. 85 °C

**MECHANICAL DATA**

Dimensions in mm

DO-7



The coloured band indicates the cathode

**CHARACTERISTICS**

Forward voltage at  $T_j = 25$  °C

$I_F = 200$  mA

$V_F < 1$

Reverse current at  $T_j = 25$  °C

$V_R = 50$  V

$I_R < 50$   $\mu$ A

$V_R = 58$  V

$I_R < 1000$   $\mu$ A

