

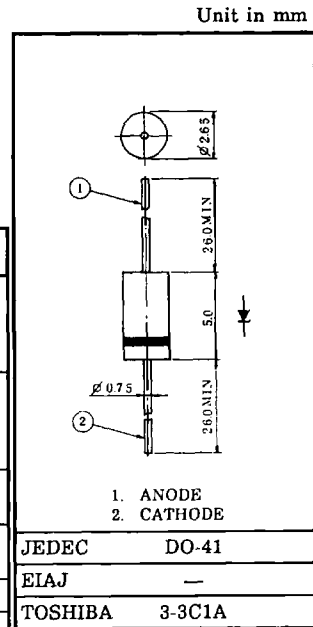
# TVR2B/G/J

○ TV APPLICATIONS. (FAST RECOVERY)

- Average Forward Current :  $I_F(AV) = 0.5A$  ( $T_a = 50^\circ C$ )
- Repetitive Peak Reverse Voltage :  $V_{RRM} = 100V \sim 600V$
- Reverse Recovery Time :  $t_{rr} = 5 \sim 20\mu s$

MAXIMUM RATING

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	TVR2B	100	V
	TVR2G	400	
	TVR2J	600	
Reverse Voltage (DC)	TVR2B	50	V
	TVR2G	300	
	TVR2J	500	
Average Forward Current ( $T_a = 25^\circ C$ )	$I_F(AV)$	0.5	A
Peak One Cycle Surge Forward Current (Non Repetitive)	$I_{FSM}$	30 (50Hz)	A
Junction Temperature	$T_j$	-40~125	$^\circ C$
Storage Temperature Range	$T_{stg}$	-40~125	$^\circ C$

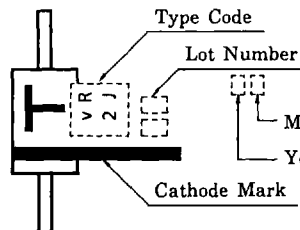


Weight : 0.3g

ELECTRICAL CHARACTERISTICS ( $T_a = 25^\circ C$ )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	$V_{FM}$	$I_{FM} = 1.0A$	—	1.4	V
Repetitive Peak Reverse Current	$I_{RRM}$	$V_{RRM} = \text{Rated}$	—	10	$\mu A$
Reverse Recovery Time	$t_{rr}$	$I_F = 20mA, I_R = 1mA$	5	20	$\mu s$
Forward Recovery Voltage	$V_{fr}$	$I_F = 0.1A, t_r = 100ns, t_w = 5\mu s$	—	6	V

MARKING



Color : Blue

CODE	TYPE
VR2B	TVR2B
VR2G	TVR2G
VR2J	TVR2J

