TOSHIBA FAST RECOVERY DIODE SILICON DIFFUSED TYPE

3BH41, 3GH41, 3JH41

HIGH SPEED RECTIFIER APPLICATIONS (FAST RECOVERY)

Unit in mm

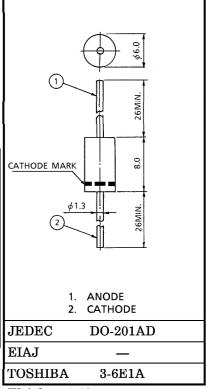
 $: I_{F(AV)} = 3.0A$ Average Forward Current

Repetitive Peak Reverse Voltage: VRRM=100~600V

Reverse Recovery Time : $t_{rr}=1.5\mu s$

MAXIMUM RATING

CHARACTERISTIC		SYMBOL	RATING	UNIT	
Repetitive Peak Reverse Voltage	3BH41		100		
	3GH41	V_{RRM}	400	V	
	3JH41		600		
Average Forward Current		$I_{F(AV)}$	3.0	A	
Peak One Cycle Surge Forward Current (Non Repetitive)		I_{FSM}	140	A	
Junction Temperature		$T_{ m j}$	-40~150	°C	
Storage Temperature Range		T _{stg} -40~150		°C	

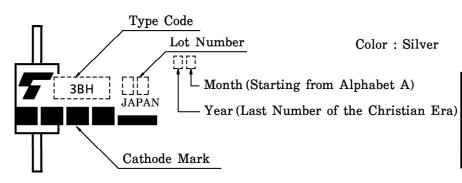


Weight: 1.18g

ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	$ m v_{FM}$	$I_{\text{FM}} = 3.0 \text{A}$	_	_	1.2	V
Repetitive Peak Reverse Current	I_{RRM}	V _{RRM} =Rated	-	_	10	μ A
Reverse Recovery Time	t _{rr}	I_F =20mA, I_R =1mA		_	1.5	μ s

MARKING



CODE	TYPE
3BH	3BH41
3GH	3GH41
3JH	3JH41

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