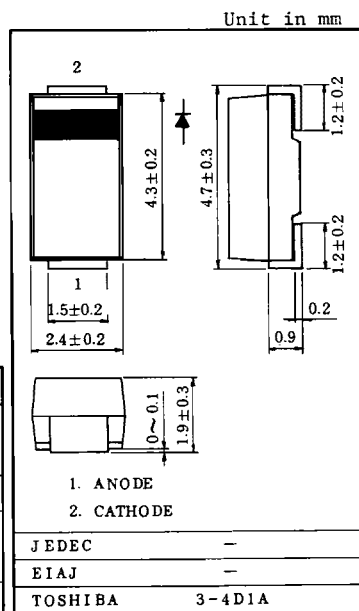


# U05(G, J)H44

## SILICON DIFFUSED TYPE RECTIFIER

HIGH SPEED RECTIFIER APPLICATIONS.  
(FAST RECOVERY)

- . Average Forward Current :  $I_F(AV)=0.5A$
- . Repetitive Peak Reverse Voltage :  $V_{RRM}=400,600V$
- . Reverse Recovery Time :  $t_{rr}=1.5\mu s$
- . Surface Mounting Plastic Mold Package



Weight : 0.06g

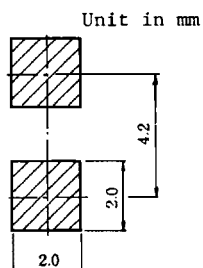
### MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	U05GH44	400	V
	U05JH44	600	
Average Forward Current	$I_F(AV)$	0.5	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	$I_{FSM}$	20(50Hz)	A
		22(60Hz)	
Junction Temperature	$T_j$	-40~125	°C
Storage Temperature Range	$T_{stg}$	-40~125	°C

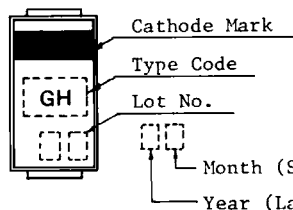
### ELECTRICAL CHARACTERISTICS ( $T_a=25^\circ C$ )

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	$V_{FM}$	$I_{FM}=0.5A$	-	-	1.2	V
Repetitive Peak Reverse Current	$I_{RRM}$	$V_{RRM}=\text{Rated}$	-	-	10	$\mu A$
Reverse Recovery Time	$t_{rr}$	$I_F=20mA, I_R=1mA$	-	-	1.5	$\mu s$

Standard Soldering Pad



Mark



CODE	TYPE
GH	U05GH44
JH	U05JH44

