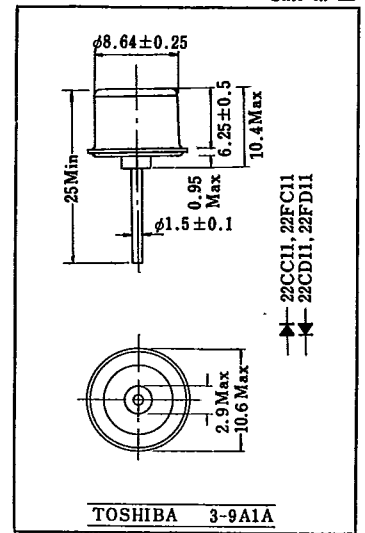


22FC11, 22FD11 300V 22A

MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	22CC11, 22CD11	V_{RRM}	150	V
	22FC11, 22FD11		300	
Average Forward Current ($T_c=120^\circ\text{C}$)		$I_{F(AV)}$	22	A
Peak One Cycle Surge Forward Current (Non-Repetitive) ($T_a=25^\circ\text{C}$)		I_{FSM}	350(50Hz)	A
Junction Temperature		T_j	-20~150	$^\circ\text{C}$
Storage Temperature Range		T_{stg}	-20~150	$^\circ\text{C}$



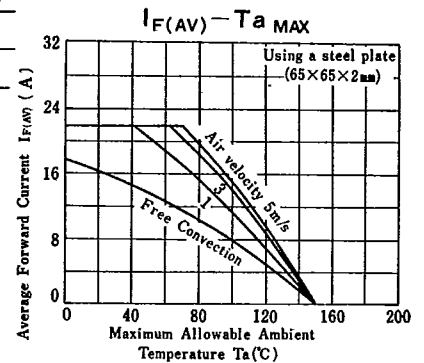
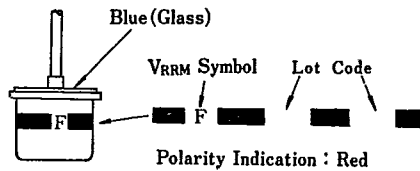
ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=35\text{A}, T_c=25^\circ\text{C}$	-	-	1.2	V
Repetitive Peak Reverse Current	I_{RRM}	$V_{RRM}=\text{Rated}, T_j=150^\circ\text{C}$	-	-	1.5	mA

MARKING

Type Name	V_{RM} Symbol	Polarity Indication
22CC11	C	Red
22FC11	F	
22CD11	C	Black
22FD11	F	

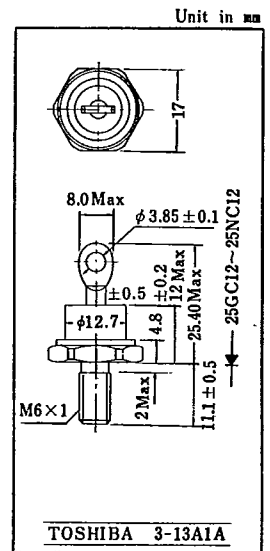
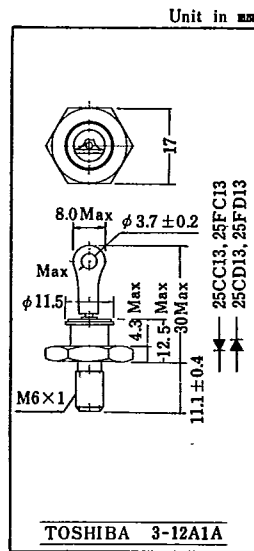
Marking (22FC11)



25NC12 1000V 25A

MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	25CC13, 25CD13	V_{RRM}	150	V
	25FC13, 25FD13		300	
	25GC12		400	
	25JC12		600	
	25LC12		800	
Average Forward Current * ($T_a=50^\circ\text{C}$)		$I_{F(AV)}$	25	A
Peak One Cycle Surge Forward Current (Non-Repetitive)	25CC13, 25CD13	I_{FSM}	300(50Hz)	A
	25FC13, 25FD13		600(50Hz)	
	25GC12		600(50Hz)	
	25JC12		600(50Hz)	
	25LC12		600(50Hz)	
Storage Temperature Range		T_{stg}	-40~150	$^\circ\text{C}$
Stud Torque			30	kgcm



AC34 is available as an accessory.

AC34 is available as an accessory.

* Resistive and inductive load (For the capacitive load, reduce the current to 70% or less.)

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	$I_{FM}=25\text{A}, T_a=25^\circ\text{C}$	-	-	1.2	V
Repetitive Peak Reverse Current	25CC13, 25CD13	I_{RRM}	$V_{RM}=\text{Rated}, T_j=150^\circ\text{C}$	-	2.0	mA
	25FC13, 25FD13				6.0	
	25GC12				6.0	
	25JC12				6.0	
	25LC12				6.0	
Thermal Resistance *		$R_{th(j-c)}$	-	-	1.8	$^\circ\text{C}/\text{W}$

* Junction to Case.

