



JEUR0806CL

EPI ULTRAFAST SOFT RECOVERY RECTIFIER

Rev.1.2

DESCRIPTION

3 O D V W L F S O D F Q H D U Z I U K W H U V O D E R U D W R U \ I O D P P D E L C E W \

F O D V V L I L F D W L R Q 9 - 0

/ H D G I U H H L Q 5 R P S O 2 0 2 1 L W K (8 8 G L U H F W L Y

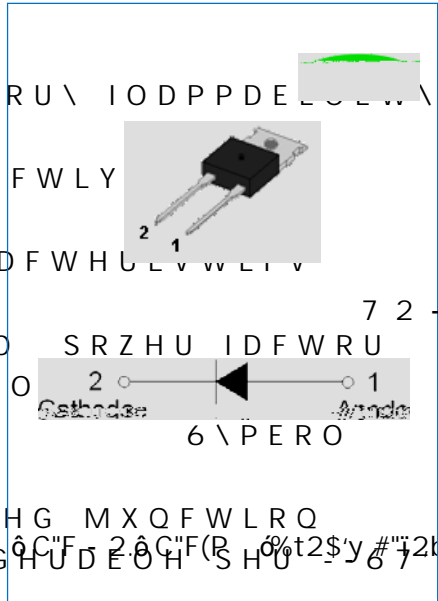
/ R Z U H Y H U V H O H D N D J H F X U U H Q W

8 O W U D I D V W U H V R R W H U H F V R Y P H \ D Q I G D U D F W H U L V W L T V

/ R Z U H F R Y H U \ O R V V

\$ S S O L F D W L R Q V I R X U G H V W R P W G O X R ' & O

F R U U H F W L R Q D S S Q L D Q R P H S R Z H U V X S S O



MECHANICAL DATA

& D V H 7 2 - 2 2 0 & - 2 / L P R R O Y G H U G S S O V V W D W H G M X Q F W L R Q

7 H U P L Q D O V 6 R O G H U S O D W H G , V R O G H U D E O H S H O 2 5 y # " 2 b # " F I s y i 7

: H K J K W 2 J U D P

ABSOLUTE MAXIMUM RATING

5 D W L Q J D W H 2 W H P S H V D R W X K H U X Q V H H V S H F L I

Parameter	Symbol	JEUR0806CL	Unit
OD [L P X P U H S H W L W L Y H S H D N U H Y H U V H	U _{RM}	Y R O W D 6 0 0	V
OD [L P X P ' & E O R F N L Q J Y R O W D J H	I _{FSM}	6 0 0 9	A
OD [L P X P D Y H U D J H I R U Z I Z U G F X U U H Q W	t _{rr}	D W 7 8	ns

3 H D N I R U Z D U G V X P V H V E X U J O H H Q K D O 8 V L Q H - Z D Y H

V X S H U L P S R V H G R Q U D W H G O R D G



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Min.	Typ.	Max.	Unit
) RUZDUG YROWDJ	9)	-	-	1.	9
		-	-	1.2	
5 HYHUVH FXUUHQW	9 ₅	-	-		\$



PACKAGE MECHANICAL DATA

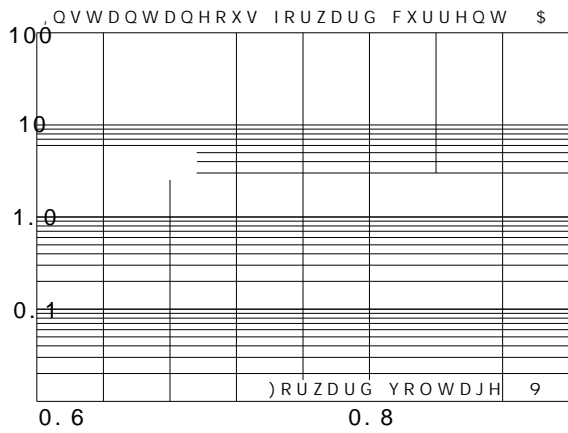




CHARACTERISTICS CURVE

), *.1 7\SLFDO IRUZDUG

), *.2 7\SLFDO UHYHUVH



1.01.

1.2



- L H - L H S U R G X F W V I D R W H Q D Q W V G K H D V Q , D O D D O R W S X H C S X R W H H Q J L P O Z F L W
O L P L W D W L R H Q , P D X W W D R I , W , P M D G H U F R D V O S , D J O H D I H I + V - D V X I V W D L Q L Q J R
D S S O L F D W L R Q V , G H Y L F H V L Q W H Q G H , G R I U R U D Q X U R J W K D I O I D P S S
Z K L F K W K H I D L G H X W L H U H R G I R S H F I N D R V I L R Q U R H V X K M V S L Q R S X I F W R P O
G H D W K , R U S U R S H U K W Q Q W D K P R D V J H H R S W U K H E V U D O S V S O I H F V D E I Q H W K H -
G R F X P H Q W D W L R Q . : D V U D D Q W L I H H V K J D U O D Q W R H U G G S H U H R P G X G F W R L X V H
S X U S R V H Q R W H [S U H S V S O L F I V H I O V G R R I X I R R K O W O L W - L H V K D O O Q
D Q \ F O D L P V R U G D V P D R I H S U D R I G L X F L V O V R X O X H G R L W D I S S O H L V D O V L I
- L H - L H D V V H W I R I U H W K H L G R D F S X P O H L O F N D D O H G R Q V H 7 R H - V L D H O - L H S
V X E M H F W W R - L H - L H W H U P V D Q G H F R D Q G H W G R I O W - R I H V I D H O . H
, Q I R U P D W L R Q I X U X P M Q M V G L I V Q E W Q L W V G H R G D W R U E H I O D D E X O U H D +
- L D Q J V X - L H - L H Q R F . U R A H V O G I . F V D V R X P E O V W O R I R H V S R K O V E R D V H
X V H Z L W K R X W F R O K L I G H I U R D W D R V Q R I Q W O . R X X V H E H \ R O G L
, Q I R U P D W L R Q P H Q W L R Q H G L Q W K L K / R X R V F X P R H V Q L W H L , V D S X D E U M V I
D Q D J U H H P H Q W L V H V - L L J H Q H F R P S Q D I O V V X I O W K . W K H D J U H H P
3 U R G X F W V D Q G L Q I R U P D W L R Q S U R Y I L G H I G P H Q W W R L V S G W F H X
- L H - L H D V V X P H V Q R R U H D V Q R O L V Q I E U L L O O L I M R W Q W R I R W R W U K G H U S D U
U H V X O W I U R P K W S H R X H W R M D X I S L Q I R U P D W L R Q .
7 K L V G R F X P H Q W L R O W Z K K H L F K 2 I O V G P Y D H G U H V . L L Z K I I O - G X R O F X - P 2 I 2 W V
D Q G U H S O D F H V S D U C H O Y L L R O X I R O P D M X S S O L H G .



LV D U H J L V W H U B I G J W X U D G H P I D H U N O L R R U R I H V O V H G F . W U R Q I
& R S \ U L 2 I O 2 W - L D Q J V X - L H R I O H L F O V L R U R R H O / H W F G M M U S W L H O M M H U G H S G