

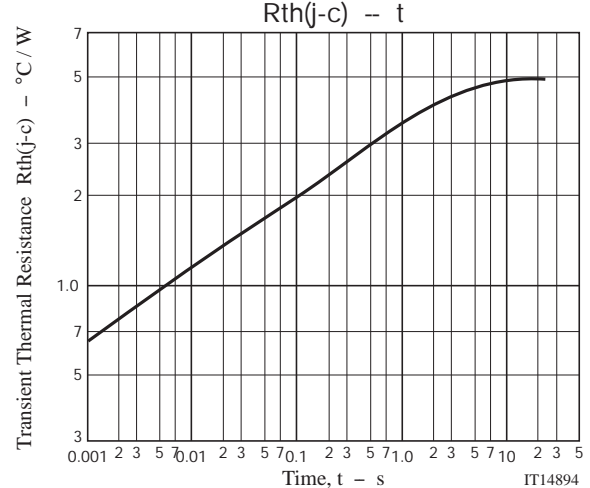
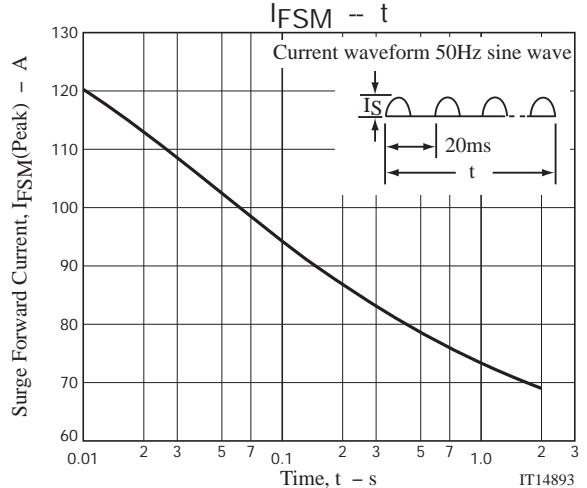
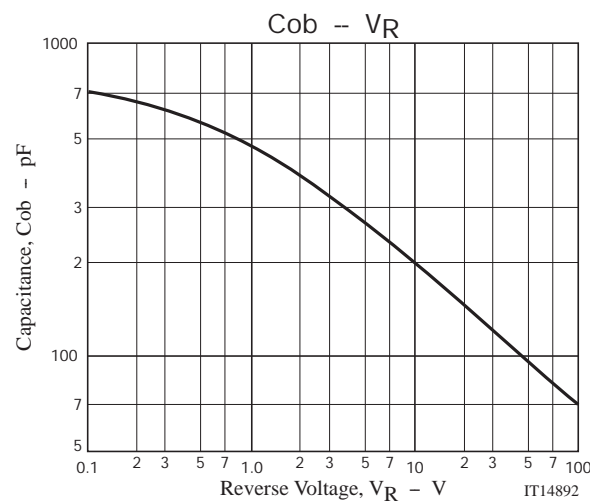
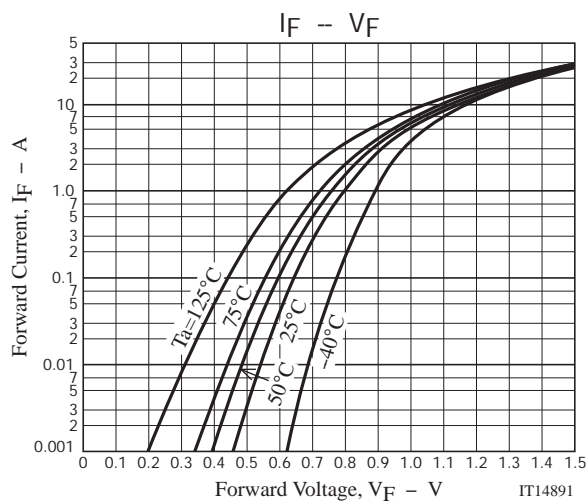
UD1006FR

Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	V_R	$I_R=1\text{mA}$	600			V
Forward Voltage	V_F	$I_F=10\text{A}$		1.1	1.3	V
Reverse Current	I_R	$V_R=600\text{V}$			100	μA
Reverse Recovery Time	t_{rr1}	$I_F=10\text{A}$, $di/dt=100\text{A}/\mu\text{s}$		100	150	ns
	t_{rr2}	$I_F=0.5\text{A}$, $I_R=1\text{A}$		60		ns
Thermal Resistance	$R_{th(j-c)}$	Junction -Case : Smoothed DC			4.9	$^{\circ}\text{C} / \text{W}$

Ordering Information

Device	Package	Shipping	memo
UD1006FR-H	TO-220F-2FS	50pcs./magazine	Pb Free and Halogen Free



Magazine Specification

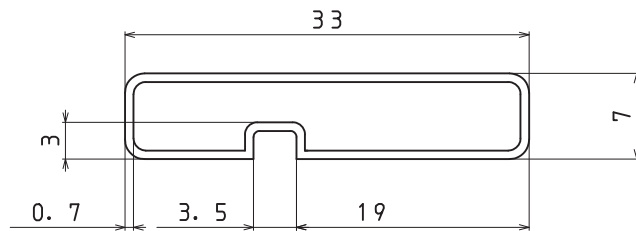
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1. Packing Format

Package Name	Magazine Name	Maximum Number of devices contained (pcs)			Packing format	
		Magazine	Inner box	Outer box	Inner BOX	Outer BOX
TO-220F-2FS	TO-220F	50	1,000	4,000	SPD-0V0001 20 magazines contained Dimensions:mm (external) 568×150×55	SPT-081029 4 inner boxes contained Dimensions:mm (external) 590×225×178

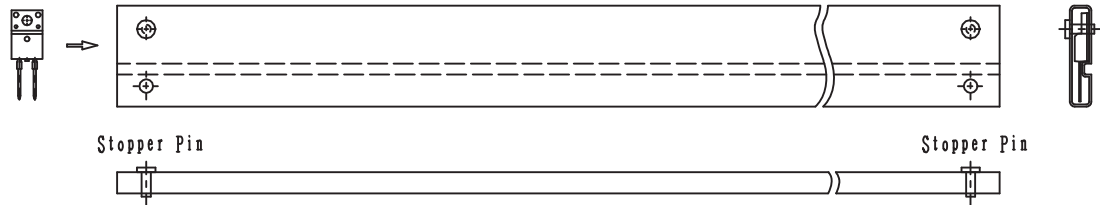
2. Magazine dimensions

(unit:mm)



Tolerance=±0.3mm
 Thickness=0.7±0.2mm
 Length =532.5±2mm
 Material =PVC (Antistatic treatment)

3. Storage method to magazine



4. Inner box label (unit:mm)

Type No. →	(1) TYPE 000000000
LOT No. →	(1) LOT 00
Quantity →	(1) QTY 0,000 (1) LEAD FREE *
Origin →	(2) SPECIAL *Z0722005310C* ASSEMBLY:*** (DIFFUSION:***)

5. Outer box label (unit:mm)

It is a label at the time of factory shipments.
 The form of a label may change in physical
 distribution process.

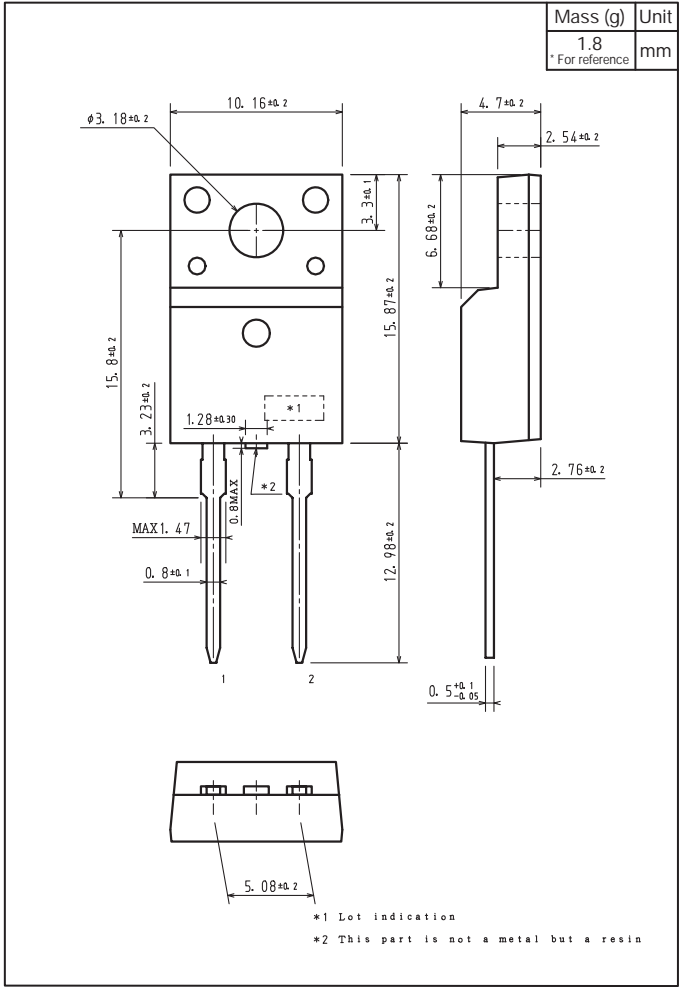
	TYPE CODE
	00000000000000000000
	TYPE 00000000
	QTY 0,000 PCS (1) LEAD FREE *
	LOT 00000000
	PACKAGE 00000000
	SPECIAL
	Z0722005310C
	ASSEMBLY:*** (DIFFUSION:***)

NOTE (1)

The LEAD FREE * description shows that the
 surface treatment of the terminal is lead free.

Label	JEITA Phase
LEAD FREE 3	JEITA Phase 3A

Outline Drawing
UD1006FR-H



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