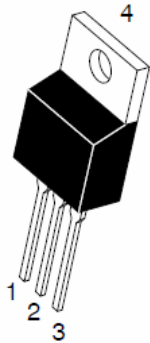


# Trench MOS Barrier Schottky Rectifier

**TO-220AB**  
TSR L10 CT-S



**ITO-220AB**  
TSR L10 CTF-S



## Features

- Advanced trench technology
- Low forward voltage drop
- Low power losses
- High efficiency operation
- Lead Free Finish, RoHS Compliant

## Applications

- DC/DC Converters
- AC/DC Adaptors
- Switching Power Supplies
- Freewheeling Diodes

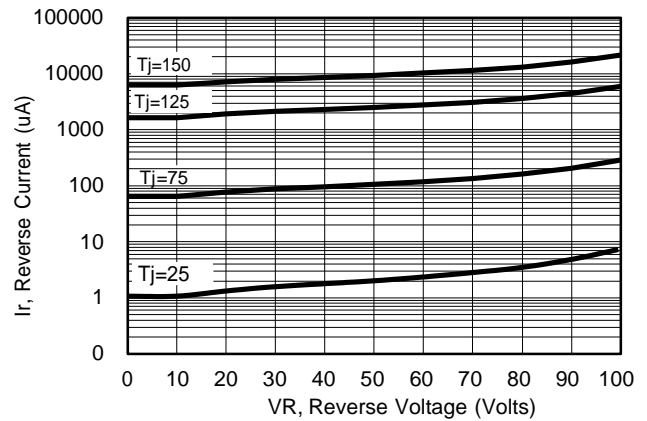
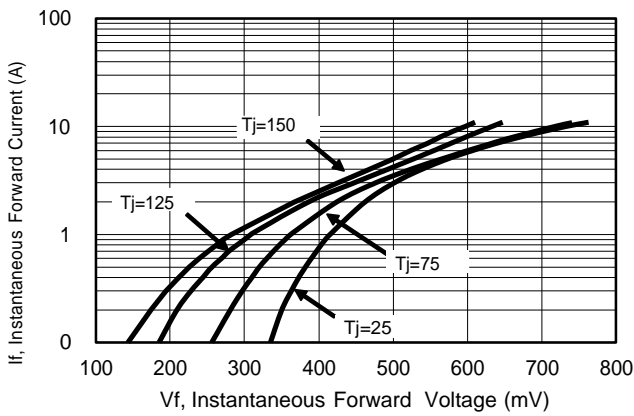
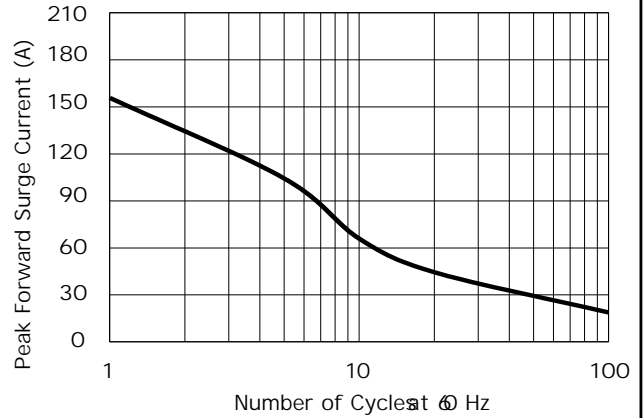
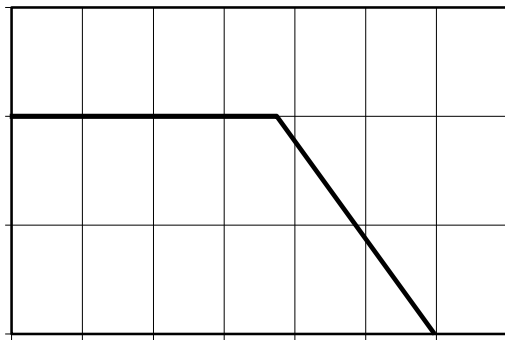
## Maximum ratings and electrical characteristics (T<sub>J</sub> = 25°C unless otherwise noted)

Parameter	Symbol	Limit	Unit
Maximum repetitive peak reverse voltage	VRRM	100	V
Maximum average forward rectified current	IF(AV)	10	A
Peak forward surge current 8.3 ms single half sine- wave superimposed on rated load per diode	IFSM	160	A
Operating junction and storage temperature range	TJ, TSTG	-55 to +	

### Notes:

- (1) Pulse test: 300 μs pulse width, 1 % duty cycle
- (2) Pulse test: Pulse width ≅ 40 ms

## RATINGS AND CHARACTERISTICS CURVES (TA = 25 °C unless otherwise noted)



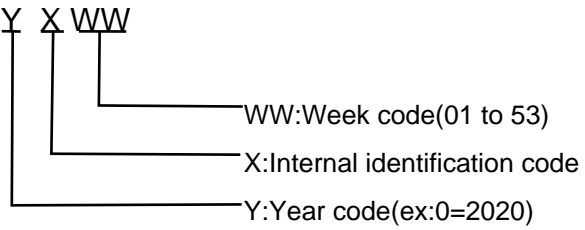
TSR L10 CT-S & CTF-S



## Marking Information

- ① W : Company's trademark
- ② Product model : TSR10L100CT or TSR10L100CTF
- ③ PDC information

Y X WW



## Packaging Information

1. Tube Dimensions

2. Inside Box

3. Outside Box

2    Å    AN

## Packaging Information

NO	UNIT	Tube Dimensions		Inside Box	Outside Box
		A	B		
Size	mm				