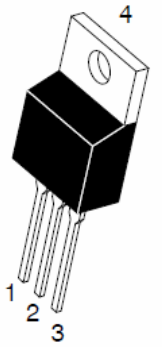
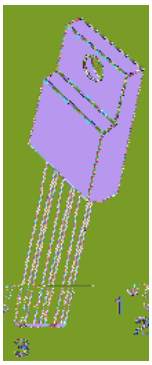
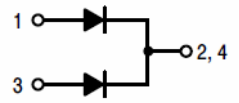
Trench MOS Barrier Schottky Rectifier

TO-220AB
TSR**20V120**CT



ITO-220AB
TSR**20V120**CTF





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 (TJ = 25℃ unless otherwise noted)

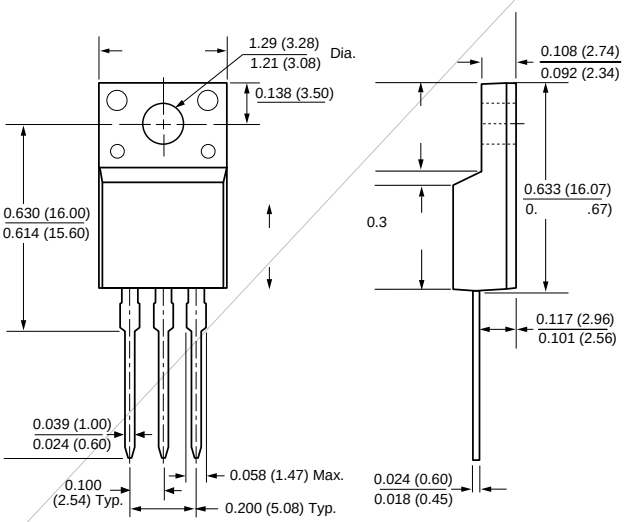
Parameter		Symbol	Limit	Unit
Maximum repetitive peak reverse voltage		VRRM	1 0	V
Maximum average forward rectified current	device	IF(AV)	0	A
	per diode		0	
Peak forward surge current 8.3 ms single half sine- wave superimposed on rated load per diode		IFSM	2 0	A

Notes:

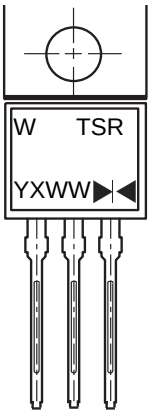
3 X O V H W H V W 6 X O V H Z L G W K G X W \ F \ F O H

3 X O V H W H V W 3 X O P W H Z L G W K 0

PACKAGE OUTLINE DIMENSIONS



0 D U N L Q J , Q I R U P D W L R Q



7 W : Company's trademark

Ŷ Product model : TSR 9 CT or TSR 9 & 7)

9 PDC informationE

Y X WW

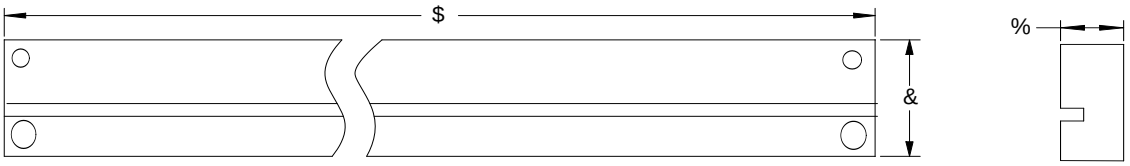
WW:Week code(01 to 53)

X:Internal identification code

Y:Year code(ex:0=2020)

3 D F N D J L Q J , Q I R U P D W L R Q

1.Tube Dimensions



2.Inside Box

3.Outside Box

Packaging Information

NO	UNIT	Tube Dimensions			Inside Box			Outside Box		
Size	mm	A	B	C	L1	W1	H1	L2	W2	H2
		530	7	33	570	46	150	590	260	180
QTY	PCS	50PCS/Tube			Smallest package,1000PCS, 20 tube in total			5,000PCS/carton,5 boxes in total		
Note	Tolerance ≤20mm,±3mm; 21-100mm,±5mm; 101-500mm,±10mm									