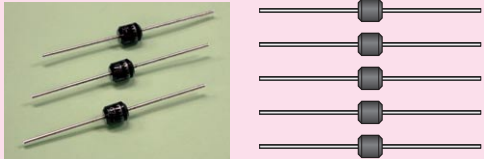


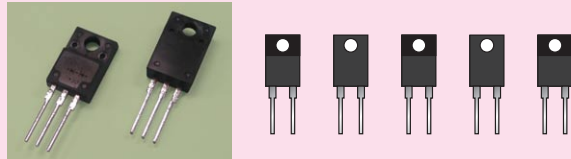
# 富士超低损耗LLD I, LLD II

## Fuji Super LLD I, LLD II

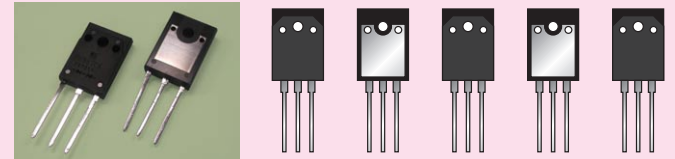
PKG No. Lead-7



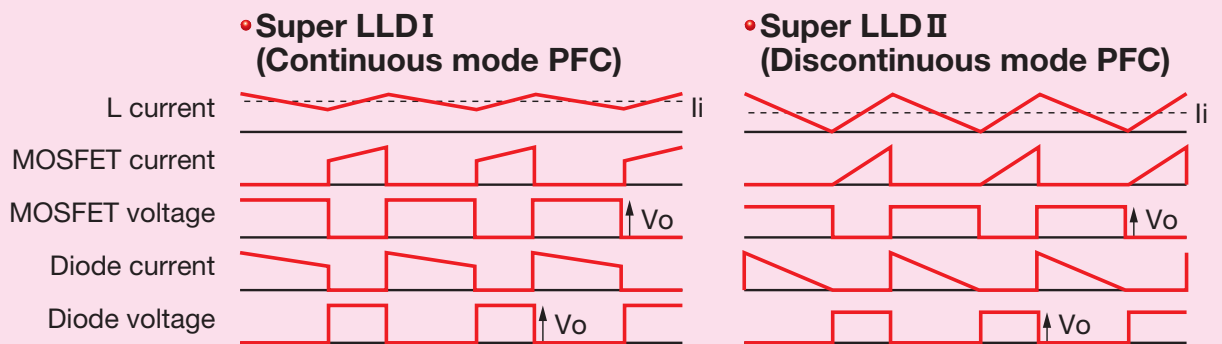
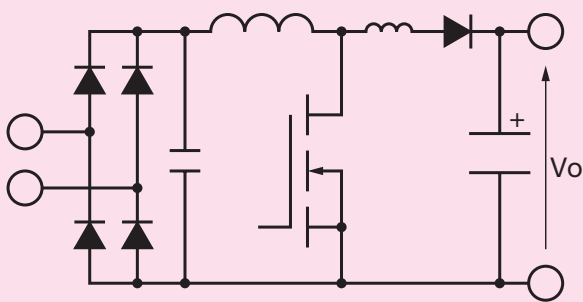
PKG No. TO-220F



PKG No. TO-247



### ● 电流连续模式作业波形 Operating waveform of Current Continuous mode



二极管电流在为零时 MOSFET 开通 MOSFET is turned on when diode current is not zero.

### ● 系列：连续模式含PFC用600V超低损耗LLD I Line-up: 600V Super LLD I (Continuous mode PFC)

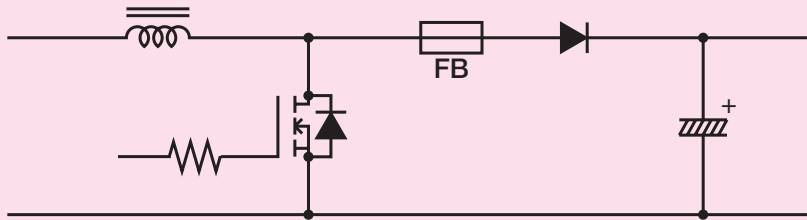
SMPS Output Power	Type Name	Package	I <sub>p</sub> (A)	I <sub>FSM</sub> (A)	t <sub>rr</sub> (ns)	VRRM (V)	Connection
~200W	YA961S6R	TO-220	8	15	23	600	Single Type
	YG961S6R	TO-220F					
~300W	YA962S6R	TO-220	10	25	25		
	YG962S6R	TO-220F					
~500W	YA963S6R	TO-220	15	40	30		
	YG963S6R	TO-220F					
~750W	YG965C6R	TO-220F	20	25	25	600	Twin Type
	TS965C6	D2-pack					
	PH965C6	TO-247					
~1000W	YG967C6R	TO-220F	30	40	30		
	TS967C6	D2-pack					
	PH967C6	TO-247					

### ● 系列：不连续模式含PFC用600V超低损耗LLD II Line-up: 600V Super LLD II (Discontinuous mode PFC)

Type Name	Package	I <sub>o</sub> (A)	VRRM (V)	Connection
FD978-6*	Lead(ø6.4 L7.5)	4	600	Single Type
YA971S6R	TO-220	8	600	Single Type
YG971S6R	TO-220F			
YA972S6R	TO-220	10		
YG972S6R	TO-220F			
YA975C6R	TO-220	20	600	Twin Type
YG975C6R	TO-220F			

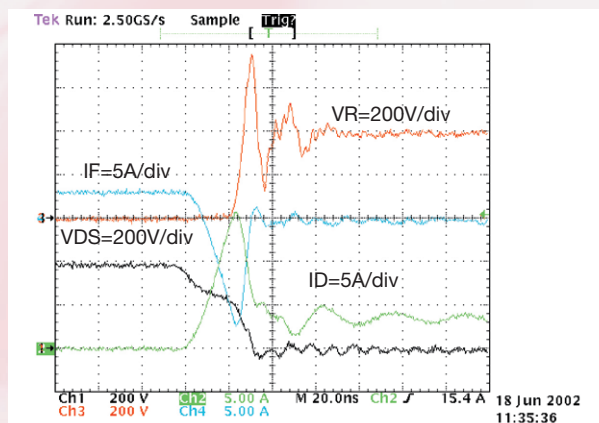
\* 试验性额定值 Tentative ratings

### ● 超低损耗LLD效益 The merits of Super LLD

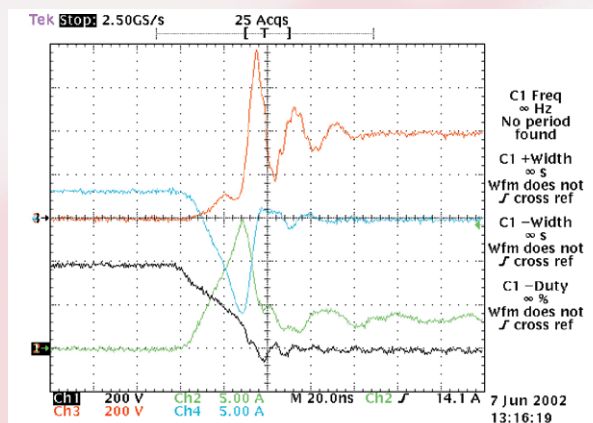


In order to improvement of reverse recovery characteristic, the conventional is using ferrite beads core (FB).

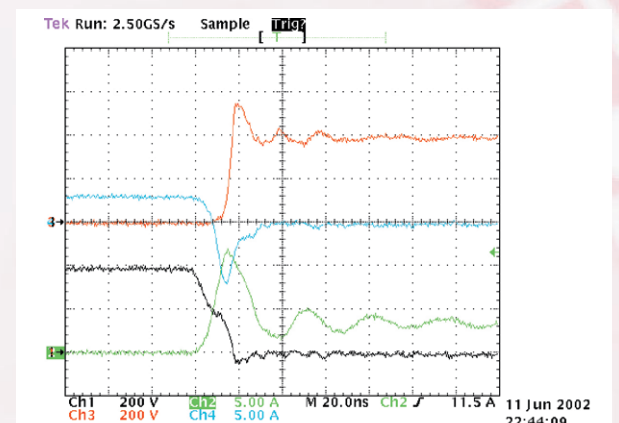
It is not necessary to use the FB because Super LLD have the soft recovery characteristic.



Company A



Company A + using FB



YA962S6