



**TAYCHIPST**

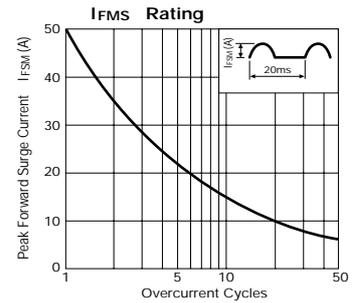
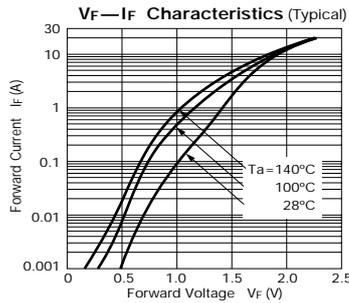
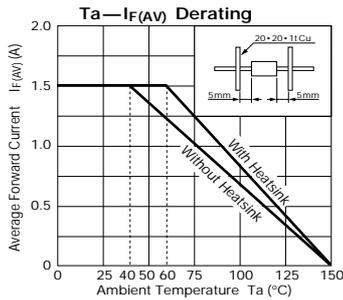
**Fast-Recovery Rectifier Diodes**

**RU 4D / RU 4DS / RP 3F**

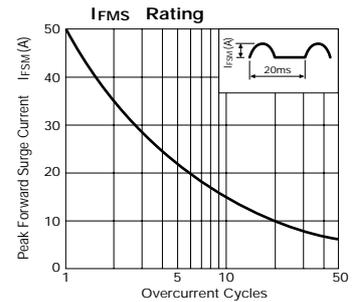
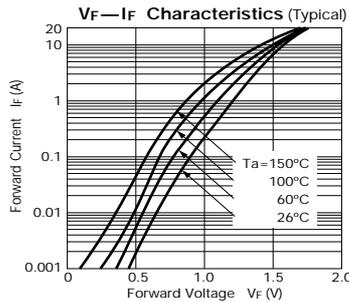
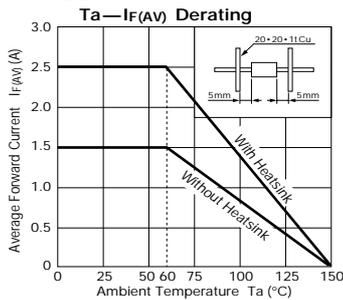
**100V-1000V 1.5A-2.0A**

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta=25°C)						Others		
	V <sub>RM</sub> (V)	I <sub>F(AV)</sub> (A) ( ) is with Heatsink	I <sub>FSM</sub> (A) 50Hz Half-cycle Sinewave Single Shot	T <sub>j</sub> (°C)	T <sub>stg</sub> (°C)	V <sub>F</sub> (V) max	I <sub>R</sub> (μA) V <sub>R</sub> =V <sub>RM</sub> max	I <sub>R</sub> (H) (μA) V <sub>R</sub> =V <sub>RM</sub> Ta=100°C max	t <sub>rr</sub> ① (μs) I <sub>F</sub> /I <sub>RP</sub> (mA)	t <sub>rr</sub> ② (μs) I <sub>F</sub> /I <sub>RP</sub> (mA)	R <sub>th(j-ℓ)</sub> (°C/W)	Mass (g)	Fig.	
RU 4D	1300	1.2 (1.5)	50	-40 to +150	1.8	1.5	50	500	0.4	500/500	0.18	8.0	1.2	Ⓐ
RU 4DS		1.5 (2.5)				3.0								
RP 3F	1500	2.0				1.7								

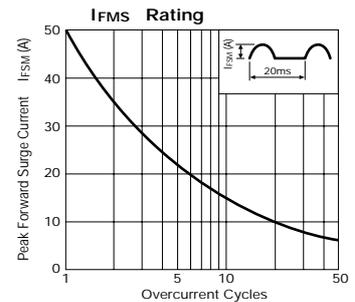
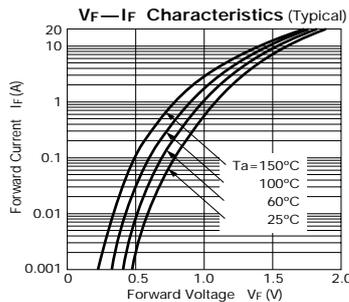
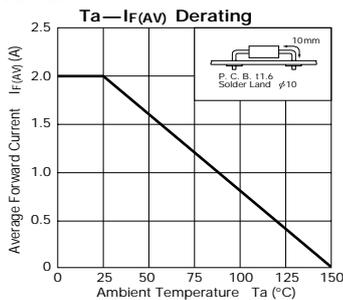
**RU 4D**



**RU 4DS**



**RP 3F**



**External Dimensions**  
(Unit: mm) (Full-mold)

Flammability:  
UL94V-0 or Equivalent

