



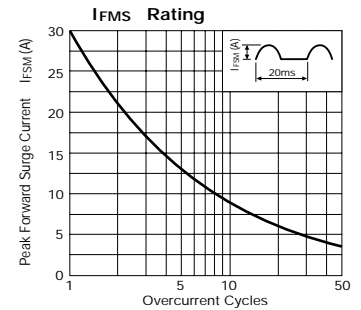
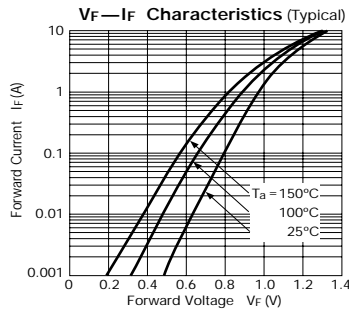
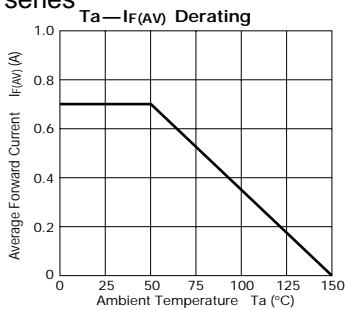
# TAYCHIPST Fast-Recovery Rectifier Diodes

RS 1/AU01/ Series

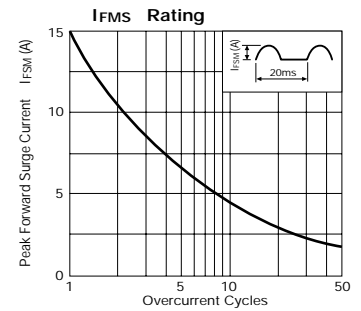
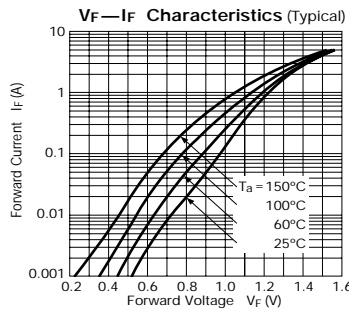
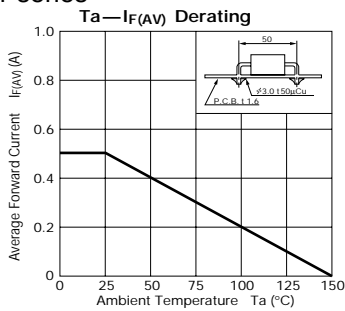
200V-800V 0.5A-0.8A

Parameter Type No.	Absolute Maximum Ratings					Electrical Characteristics (Ta = 25°C)								Others			
	V <sub>RM</sub> (V)	I <sub>F(AV)</sub> (A)	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>F</sub> (A)	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-θ)</sub> (°C/W)	Mass (g)	Fig.			
RS 1A	600	0.7	30	-40 to +150		2.5	0.8	10	200	1.5	10/10	0.6	10/20	20	0.4	Ⓐ	
RS 1B	800																
AU01Z	200	0.5	15			1.7	0.5	10	150	0.4	10/10	0.18	10/20	22	0.13		Ⓑ
AU01	400																
AU01A	600	0.8	25			1.3	0.8	10	250	0.4	10/10	0.18	10/20	22	0.13		
AU02Z	200																
AU02	400																
AU02A	600																

## RS 1 series



## AU 01 series



## AU 02 series

