



PRODUCT NAME : S4010L 10A 400V SCR

PRICE : Rs 35.00

SKU : RM1955


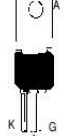





DESCRIPTION

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Features

- Gate Turn-On Voltage (V_{gt}): 0.8V
- Peak Off-State Voltage(V_{drm}): 400V
- On-State Current (I_{trms}): 10.0A
- Gate Current (I_{gt}): 200 μ A
- Typical Voltage Change over Time (dV/dT): 8V/ μ s

TYPE	Part Number					I_T		V_{DRM} & V_{RRM}	I_{GT}	I_{DRM} & I_{RRM}			V_{TM}	
	Non-isolated					(1)		Volts	(2) (12) (14) (18)	(20) (21)			(3) (10)	
						Amps			μ Amps	μ Amps			Volts	
	TO-92	TO-202	TO-251 V-Pak	Compak	TO-252 D-Pak	$I_{T(RMS)}$	$I_{T(AV)}$	MIN	MAX	T_C or $T_L = 25^\circ C$	T_C or $T_L = 100^\circ C$	T_C or $T_L = 110^\circ C$	MAX	
0.8 A					S2S1	0.8	0.51	200	12	2		100	1.7	
					S4S1	0.8	0.51	400	12	2		100	1.7	
					S6S1	0.8	0.51	600	12	2		100	1.7	
					S2S2	0.8	0.51	200	50	2		100	1.7	
					S4S2	0.8	0.51	400	50	2		100	1.7	
					S6S2	0.8	0.51	600	50	2		100	1.7	
					S2S	0.8	0.51	200	200	2		100	1.7	
					S4S	0.8	0.51	400	200	2		100	1.7	
					S6S	0.8	0.51	600	200	2		100	1.7	
					S2S3	0.8	0.51	200	500	2		100	1.7	
					S4S3	0.8	0.51	400	500	2		100	1.7	
					S6S3	0.8	0.51	600	500	2		100	1.7	
							0.8	0.51	200	200	1	50		1.7
							0.8	0.51	400	200	1	50		1.7
							0.8	0.51	600	200	2	100		1.7
							0.8	0.51	200	12	1	50		1.7
							0.8	0.51	400	12	1	50		1.7
							0.8	0.51	600	12	2	100		1.7
							0.8	0.51	200	50	1	50		1.7
							0.8	0.51	400	50	1	50		1.7
							0.8	0.51	600	50	2	100		1.7
							0.8	0.51	200	500	1	50		1.7
							0.8	0.51	400	500	1	50		1.7
							0.8	0.51	600	500	2	100		1.7
						0.8	0.51	200	200	1		50	1.7	
						0.8	0.51	400	200	1		100	1.7	
1.5 A						1.5	0.95	200	200	1		100	1.5	
						1.5	0.95	400	200	1		100	1.5	
						1.5	0.95	600	200	2		100	1.5	
4 A					T106B1	4	2.5	200	200	2		100	2.2	
					T106D1	4	2.5	400	200	2		100	2.2	
					T106M1	4	2.5	600	200	2		100	2.2	
					T107B1	4	2.5	200	500	2		100	2.5	
					T107D1	4	2.5	400	500	2		100	2.5	
					T107M1	4	2.5	600	500	2		100	2.5	
					S2004VS1	4	2.5	200	50	2		100	1.6	
					S4004VS1	4	2.5	400	50	2		100	1.6	
					S6004VS1	4	2.5	600	50	2		100	1.6	
					S2004VS2	4	2.5	200	200	2		100	1.6	
					S4004VS2	4	2.5	400	200	2		100	1.6	
					S6004VS2	4	2.5	600	200	2		100	1.6	

See "General Notes" on page E5 - 4 and "Electrical Specifications Notes" on page E5 - 5

V _{GT} (4) (12) (22)			I _H (5) (15) (16) (19)	I _{GM} (17)	V _{GRM}	P _{GM} (17)	P _{G(AV)}	I _{TSM} (6) (7) (13)	dv/dt	di/dt	t _{gt} (8)	t _q (9)	I ² t
Volts			mAmps	Amps	Volts	Watts	Watts	Amps	Volts/μSec	Amps/μSec	μSec	μSec	Amps ² /Sec
T _C or T _L = -40 °C	T _C or T _L = 25 °C	T _C or T _L = 110 °C	MAX	MIN	MAX	MAX	60/50 Hz	MIN					
1.2	0.8	0.2	5	1	5	1	0.1	20/16	20	50	2	60	1.6
1.2	0.8	0.2	5	1	5	1	0.1	20/16	20	50	2	60	1.6
1.2	0.8	0.2	5	1	5	1	0.1	20/16	10	50	2	60	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	25	50	3	60	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	25	50	3	60	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	10	50	3	60	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	30	50	4	50	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	30	50	4	50	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	15	50	4	50	1.6
1.2	0.8	0.25	8	1	5	1	0.1	20/16	40	50	5	45	1.6
1.2	0.8	0.25	8	1	5	1	0.1	20/16	40	50	5	45	1.6
1.2	0.8	0.25	8	1	5	1	0.1	20/16	20	50	5	45	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	30	50	3.5	50	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	30	50	3.5	50	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	15	50	3.5	50	1.6
1.2	0.8	0.2	5	1	5	1	0.1	20/16	20	50	2	60	1.6
1.2	0.8	0.2	5	1	5	1	0.1	20/16	20	50	2	60	1.6
1.2	0.8	0.2	5	1	5	1	0.1	20/16	10	50	2	60	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	25	50	3	60	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	25	50	3	60	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	10	50	3	60	1.6
1.2	0.8	0.25	8	1	5	1	0.1	20/16	40	50	5	45	1.6
1.2	0.8	0.25	8	1	5	1	0.1	20/16	40	50	5	45	1.6
1.2	0.8	0.25	8	1	5	1	0.1	20/16	20	50	5	45	1.6
1.2	0.8	0.25	5	1	5	1	0.1	20/16	25	50	2.2	60	1.6
1.2	0.8	0.25	5	1	6	1	0.1	20/16	25	50	2.2	60	1.6
1	0.8	0.25	5	1	6	1	0.1	20/16	60	50	3.5	50	1.6
1	0.8	0.25	5	1	6	1	0.1	20/16	40	50	3.5	50	1.6
1	0.8	0.25	5	1	6	1	0.1	20/16	30	50	3.5	50	1.6
1	0.8	0.2	5	1	6	1	0.1	20/16	8	50	4	50	1.6
1	0.8	0.2	5	1	6	1	0.1	20/16	8	50	4	50	1.6
1	0.8	0.2	5	1	6	1	0.1	20/16	8	50	4	50	1.6
1	0.8	0.2	6	1	6	1	0.1	20/16	8	50	5	45	1.6
1	0.8	0.2	6	1	6	1	0.1	20/16	8	50	5	45	1.6
1	0.8	0.2	6	1	6	1	0.1	20/16	8	50	5	45	1.6
1	0.8	0.2	4	1	6	1	0.1	30/25	8	50	3	50	3.7
1	0.8	0.2	4	1	6	1	0.1	30/25	8	50	3	50	3.7
1	0.8	0.2	4	1	6	1	0.1	30/25	8	50	3	50	3.7
1	0.8	0.2	6	1	6	1	0.1	30/25	8	50	4	50	3.7
1	0.8	0.2	6	1	6	1	0.1	30/25	8	50	4	50	3.7
1	0.8	0.2	6	1	6	1	0.1	30/25	8	50	4	50	3.7

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