JST04V-600CW 1A TRIAC Rev.A.1.1

DESCRIPTION:

The JST04V-2/ea006 Tw 12(4-27.6Td 2 5404 TwS0.004OT-218 (1)]TJ -0.0601 Tf 0 Tc m [(T)-15 (he

Peak pulse voltage (T_j=25 ; non-repetitive,off-state;FIG.8)	V_{pp}	4	kV

ELECTRICAL CHARACTERISTICS (T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D =12V R_L =33	- -	MAX.	35	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	V_D =V_{DRM} T_j =125 R_L =3.3k	- -	MIN.	0.2	V
I_L	I_G =1.2I_{GT}	-	MAX.	50	mA
				60	
I_H	I_T =100mA		MAX.	35	mA
dV/dt	V_D=400V Gate Open T_j =125		MIN.	1500	V s
(dI/dt)c	(dV/dt)c=20V s, T_j=125		MIN.	8	A/ms

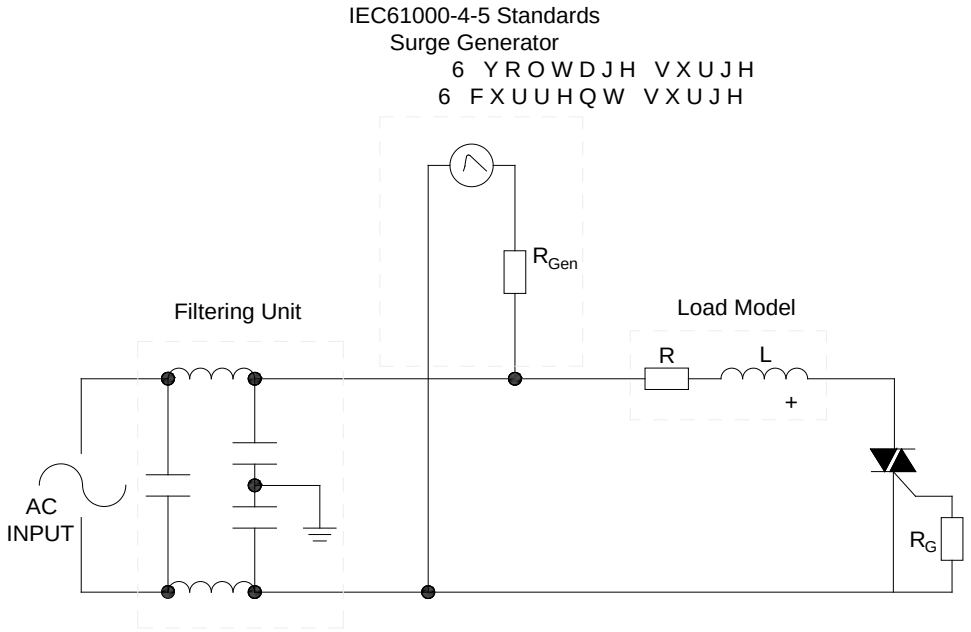
t_{on} I_G=40mA I_A=200mA I_R=20mA
T_j=25 mA YPDC -12.87 -1.3 0.004 Tw . 0 16.29 0 Td [(A)-1 (/m)-56>>BDC 0.064

JST04V-600CW Jie Jie M

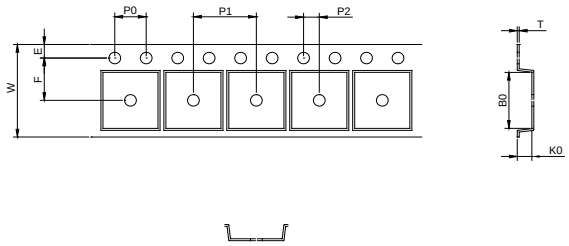
JST04V-600CW

FIG.7: Relative variations of gate trigger current,

FIG.8 ÖTest circuit for inductive and resistive loads to IEC-61000-4-5 standards



DELIVERY MODE



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
W	-		12.30	-		0.482
E	1.65	1.75	1.85	0.065	0.069	0.073
F	5.45	5.50	5.55	0.215	0.217	0.219
D0		1.55	1.60		0.061	0.063
D1		-	-			
P0	3.90	4.00	4.10	0.154	0.157	0.161
P1	7.90	8.00	8.10	0.311	0.315	0.319
P2	1.95	2.00	2.05	0.077	0.079	0.081
10P0	39.80	40.00	40.20	1.567	1.575	1.583
A0	6.85	6.95	7.05	0.269	0.273	0.276
B0	7.15	7.25	7.35	0.280	0.284	0.288
K0	1.95	2.05	2.15	0.076	0.080	0.084
T	0.20	0.25	0.30	0.008	0.010	0.012

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