Mini size of Discrete semiconductor elements

***Other Industrial specification (-20°C / -30°C / - 40°C ~ 85°C)**

PUBLISH DATE : September , 2004 ~ 2005 SECOND EDIT

Schottky Diode (mini size SMD)

	SOD-723 (2-pin , L*W*T=1.0mm*0.6mm*0.4mm) alike 0402 SIZE (P.28)										
Package	Part Number	Peak Repetitive Reverse Voltage	Max Average Rectified Current		Max. Peak Forward Surge Current		Forward Voltage Drop		Max. Reverse Current		Circuit Figure
		V RRM	Io@T		IFSM@T		VF@IF		IR@VR		
		V	A	C	A	S	V	A	uA	V	
SOD-723 (P.28)	BAT42WN	**30**	**0.1**	75	4	1.0m	0.33/1.0	0.002/0.2	0.5	30	*Q4 finish
SOD-523 (P.28)	BAT42WU	**30**	**0.2**	75	4	1.0m	0.33/1.0	0.002/0.2	0.5	30	-
SOD-323 (0805) (P.28)	GT014WS	**45**	**0.1**	75	1	1.0m	0.55	0.1	30	10	-
	GT0240WS	**40**	**0.2**	75	4	1.0m	0.33/1.0	0.002/0.2	0.5	30	-
	BAT42WS	**30**	**0.2**	75	4	1.0m	0.33/1.0	0.002/0.2	0.5	30	-
	SD103BWS	**30**	**0.35**	75	2	1	0.37/0.6	0.02/0.2	5	20	-
	GT5040WS	**40**	**0.5**	75	2	1	0.37/0.6	0.02/0.5	5	20	-
	BAS70WS	**70**	**0.2**	25	4	1	0.41/0.7	0.001/0.01	0.1/10	50/70	-
SOD-123 (1206) (P.28)	GT0530	**30**	**0.2**	75	4	1.0m	0.40/1.0	0.010/0.2	0.5	30	-
	SD103BW	**30**	**0.35**	75	2	1	0.37/0.6	0.02/0.2	5	20	-
	GT5040	**40**	**0.5**	75	5.5	8.3m	0.51	0.5	10	20	-
	GT5060	**60**	**0.5**	96	8	1m	0.62	0.5	100	60	
	GT1040	**40**	**1**	75	30	8.3m	0.55	0.5	10	20	-
SOT-523 (P.28)	GT0230WU	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3
	GT0230AWU	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	3-->1 , 3-->2
	GT0230CWU	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3 , 2-->3
	GT0230SWU	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3 , 3-->2
SOT-323 (P.28)	GT0230W	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3
	GT0230AW	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	3-->1 , 3-->2
	GT0230CW	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3 , 2-->3
	GT0230SW	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3 , 3-->2
	BAS70W	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	1-->3
	BAS70AW	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	3-->1 , 3-->2
	BAS70CW	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	1-->3 , 2-->3
	BAS70SW	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	1-->3 , 3-->2
SOT-23 (P.28)	GT0230	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3
	GT0230A	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	3-->1 , 3-->2
	GT0230C	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3 , 2-->3
	GT0230S	**30**	**0.2**	75	0.6	1	0.32/1.0	0.001/0.1	2	25	1-->3 , 3-->2
	GT0540A	**40**	**0.5**	75	2.5	1	0.3/0.55	0.01/0.5	2	25	1-->3
	GT1025	**25**	**1**	75	2.5	1	0.3/0.55	0.01/0.5	2	25	1-->3
	BAS70	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	1-->3
	BAS70A	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	3-->1 , 3-->2
	BAS70C	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	1-->3 , 2-->3
	BAS70S	**70**	**0.2**	25	0.6	1	0.41/0.75	0.001/0.01	0.1/10	50/70	1-->3 , 3-->2
SMA (P.29)	SS1xx	**20 ~ 100**	**1**	75	30	1	0.5 ~ 0.85	1	500	20 ~ 100	-
	SL1xx	**20 ~ 40**	**1**	75	30	1	0.4	1	500	20 ~ 40	-
	SR2xx	**20 ~ 60**	**2**	75	50	1	0.5 ~ 0.85	2	500	20 ~ 60	-
	SR3xxS	**20 ~ 60**	**2**	75	50	1	0.5 ~ 0.85	2	500	20 ~ 60	-
SMB (P.29)	SK2xx	**20 ~ 60**	**2**	105	50	1	0.5 ~ 0.85	2	500	20 ~ 60	-
	SR3xx	**20 ~ 60**	**3**	75	80	1	0.5 ~ 0.85	3	500	20 ~ 60	-
SMC (P.29)	SK3xx	**20 ~ 60**	**3**	75	100	1	0.5 ~ 0.85	3	500	20 ~ 60	-
	SL3xx	**20 ~ 40**	**5**	75	100	1	0.4	3	500	20 ~ 60	-
	SK5xx	**20 ~ 40**	**5**	75	100	1	0.5 ~ 0.85	5	500	20 ~ 40	-
TO-252 (P.30)	SB6xx DC	**20 ~ 40**	**6**	75	75	1	0.55 ~ 0.85	6	500	20 ~ 40	-
TO-263 (P.30)	SB8xx DC	**20 ~ 40**	**8**	100	75	1	0.55 ~ 0.85	8	500	20 ~ 40	-
	SB10xx DC	**20 ~ 40**	**10**	100	75	1	0.55 ~ 0.85	8	500	20 ~ 40	-
	SB16xx DC	**20 ~ 40**	**16**	100	75	1	0.55 ~ 0.85	8	500	20 ~ 40	-