

T-05-09

品名 Type No.	絶対最大定格 Absolute Maximum Ratings						電氣的・熱的特性 Electrical Characteristics				備考 Remarks	外形 No. Outline No.
	V _{RM} [kV]	I _O [A]	条件 T _O [°C]	I _{FSM} [A]	T _{stg} [°C]	T _J [°C]	V _F (max) [V]	条件 I _F [A]	I _R (max) V _R =V _{RM} [mA]	V _Z (min) [kV]		
SRK-12ZB(T06)	7	0.4	50	30	-30~+135	+135	6	0.4	10	8.5	—	Fig. 70
-12ZB(T07)	8	0.35	50				7	0.4		9.5		
-12ZB(T09)	9	0.35	120*				9	0.35		9.5~13.5		

※: T1

保守廃止品 Service Parts (Do not use in new design)

品 名 Type No.	級色別 Color Code	絶 対 最 大 定 格 Absolute Maximum Ratings						電 氣 の ・ 熱 の 特 性 Electrical Characteristics							備 考 Remarks	外 形 No. Outline No.
		V _{RM} [V]	I _O [A]	条件 T _a [°C]	I _{FSM} [A]	T _{stg} [°C]	T _j [°C]	V _F (max) [V]	条件 I _F [A]	I _R (max) V _R =V _{RM} [μA]	V _Z (min) [V]	t _{rr} (max) [nS]	θ _{jL} (max) [°C/W]	θ _{ja} (max) [°C/W]		
D1R20	Red	200	0.35	25	10	-30~+100	+100	1.65	0.35	5	—	1500	15	130	FRD (single diode)	Fig. 52
60	Blue	600														
80	Green	800														
100	Silver	1000														
150	Gold	1500														
D1R20Z	Red	200	0.75	25	30	-30~+125	+125	1.05	0.75	5	250	—	15	134	Avalanche diode (single diode)	Fig. 6
40Z	Yellow	400									500					
D1K20	Red	200	0.6	40	25	-40~+150	+150	1.2	0.6	10	—	300	—	129	FRD (single diode)	Fig. 52
20H												100				
40		Yellow		400								25				
S1S3M	Red	30	1	40	40	-40~+125	+125	0.55	1	1000	—	35	—	107	SBD (single diode)	Fig. 36
4M	Silver	40														
D4BB10	—	100	4.5	30	200	-30~+150	+150	1.05	2.5	10	—	—	—	—	SQ.I.P. (bridge diode)	Fig. 25
20	Red	200														
40	Yellow	400														

外形図 Outline Dimensions

[Unit : mm]

Fig. 66

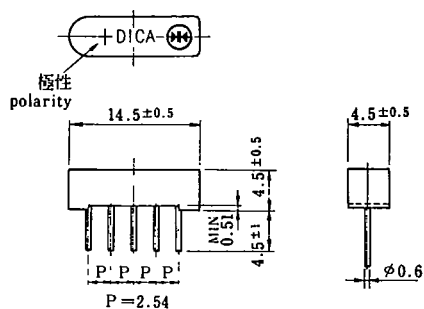


Fig. 67

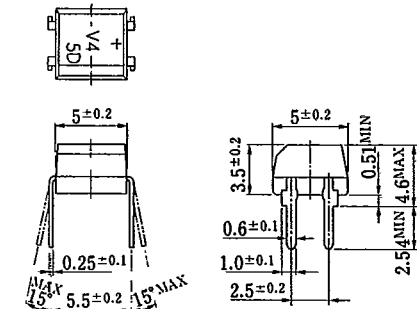


Fig. 68

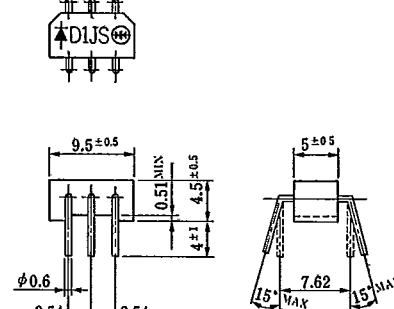


Fig. 69

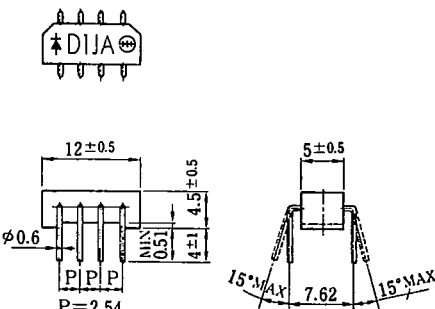
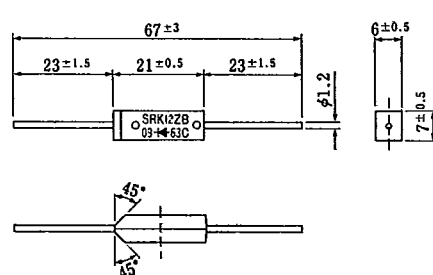


Fig. 70



SQ.I.P.形 (交直分離形) Square In-line Package

●入力と出力が分離されており
プリント基板の設計が容易です。

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S3WB10	100	2.3	40	120	-40~+150	+150	1.05	2	10	—	5.5	26.5	—	—	Fig. 18
20	200														
40	400														
60	600														
60Z	600									1000				Avalanche diode	
S10WB10	100	10	77*	200	-40~+150	+150	1.05	5	10	—	4	24	3.9	—	Fig. 19
20	200														
40	400														
60	600														
60Z	600														
S15WB10	100	15	77*	200	-40~+150	+150	1.05	7.5	10	—	2	19	2.5	—	Fig. 20
20	200														
40	400														
60	600														
60Z	600														
S20WB10	100	20	76*	500	-40~+150	+150	1.05	10	10	—	2	17	2	—	Fig. 21
20	200														
40	400														
60	600														
60Z	600														

※ : T_c

外形図 Outline Dimensions

[Unit : mm]

Fig. 22

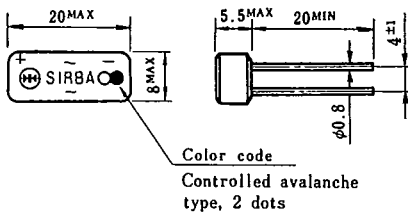


Fig. 23

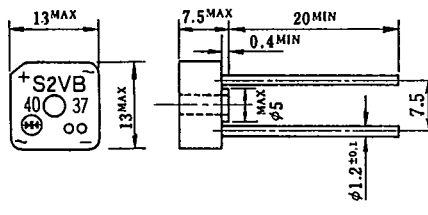


Fig. 24

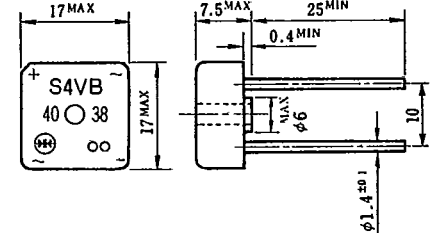


Fig. 25

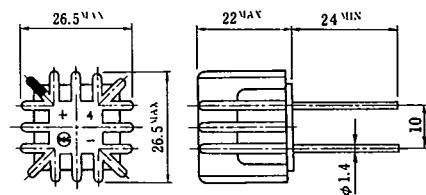


Fig. 26

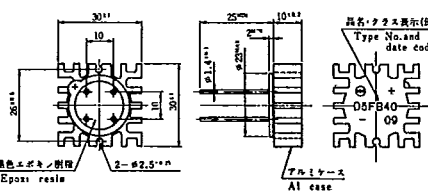


Fig. 27

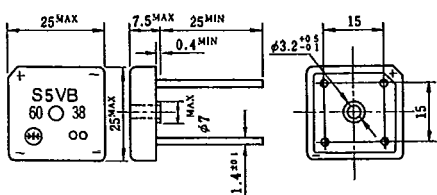


Fig. 28

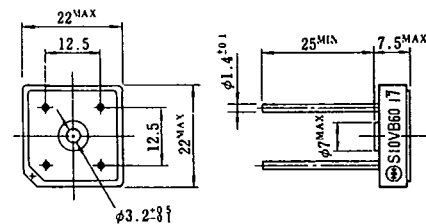


Fig. 29

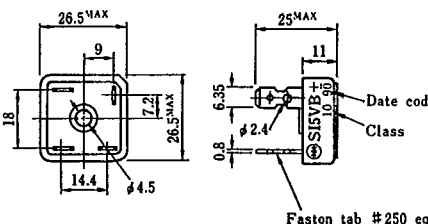
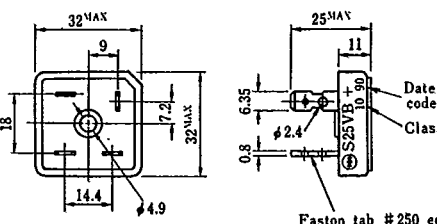


Fig. 30



ダイオード

RECTIFIER DIODES

SHINDENGEN ELECTRIC MFG

32E D

8219387 0000011 8 SHEJ

ショットキーバリアダイオード Schottky Barrier Diodes

モジュールダイオード Module Diodes

T-03-21

品 名 Type No.	絶 对 最 大 定 格 Absolute Maximum Ratings						電 氣 的 ・ 熱 的 特 性 Electrical Characteristics							備 考 Remarks	外 形 No. Outline No.
	V _{RM} [V]	I _O [A]	条件 T _C [°C]	I _{FSM} T _C [A]	T _{stg} [°C]	T _j [°C]	V _F (max) [V]	条件 I _F [A]	I _R (max) V _R =V _{RM} [mA]	C _j (typ) [nF]	θ _{Jl} (max) [°C/W]	θ _{ja} (max) [°C/W]	θ _{jc} (max) [°C/W]		
D120SC3M	30	120	99	800	-40~+125	+125	0.5	60	80	2.9	—	—	0.34	—	Fig. 50
4M	40		90				0.58		40	2.1					
D180SC3M	30	180	94	800	-40~+125	+125	0.5	60	80	2.9	—	—	0.25	—	Fig. 50
4M	40		83				0.58		40	2.1					
D240SC3M	30	240	90	1600	-40~+125	+125	0.5	120	160	5.8	—	—	0.23	—	Fig. 50
4M	40		77				0.6		80	4.2					
D360SC3M	30	360	81	1600	-40~+125	+125	0.5	120	160	5.8	—	—	0.18	—	Fig. 50
4M	40		64				0.6		80	4.2					

外形図 Outline Dimensions

[Unit : mm]

Fig. 45

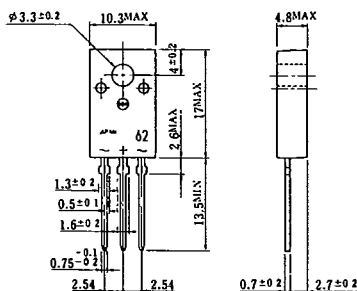


Fig. 46

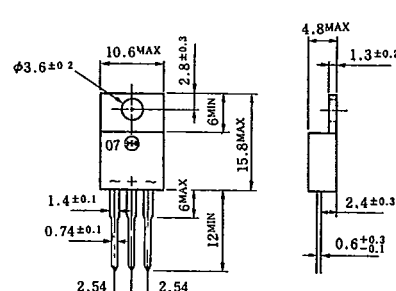


Fig. 47

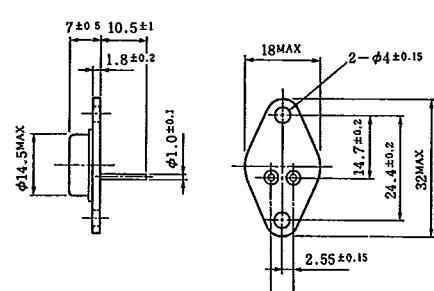


Fig. 48

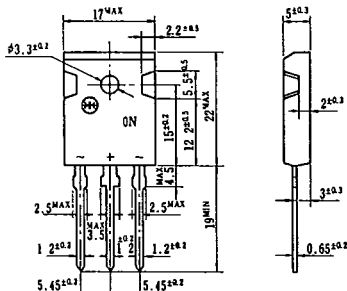


Fig. 49

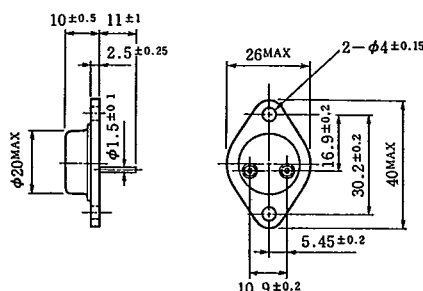


Fig. 50

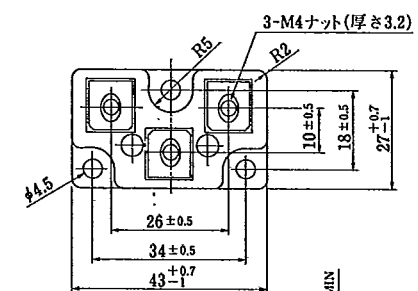


Fig. 51

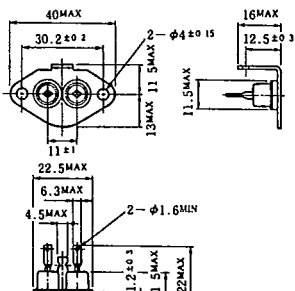


Fig. 52

