

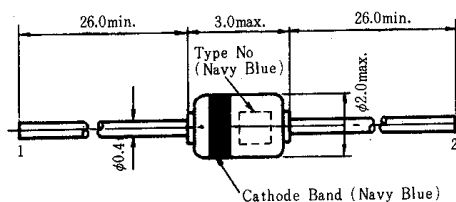
HZS-J SERIES

シリコンエピタキシャルプレーナ形

安定化電源用

SILICON EPITAXIAL PLANAR

STABILIZED POWER SUPPLY



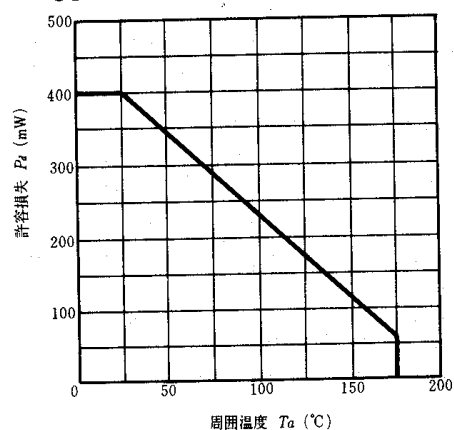
(MHD)

1. カソード : Cathode
 2. アノード : Anode
- (Dimensions in mm)

■ 絶対最大定格 ABSOLUTE MAXIMUM RATINGS ($T_a=25^\circ\text{C}$)

項	目	Symbol	HZS-J Series	Unit
順電流		I_F	150	mA
許容損失		P_d	400	mW
接合部温度		T_j	175	$^\circ\text{C}$
保存温度		T_{stg}	-55~+175	$^\circ\text{C}$

許容損失の周囲温度による変化
MAXIMUM POWER DISSIPATION
CURVE

■ 電気的特性 ELECTRICAL CHARACTERISTICS ($T_a=25^\circ\text{C}$)

Type	Zener Voltage Value Grade	$V_Z(\text{V})^*$		Condition I_Z (mA)	Z_Z (Ω) max.	Condition I_Z (mA)	I_R (μA) max.	Condition V_R (V)
		min	max					
HZS5.6J	B1	5.30	5.58	5	60	5	1	2.5
	B2	5.48	5.76					
	B3	5.66	5.96					
HZS6.2J	B1	5.85	6.15	5	60	5	1	3.0
	B2	6.04	6.34					
	B3	6.24	6.56					
HZS6.8J	B1	6.44	6.77	5	40	5	0.5	3.5
	B2	6.62	6.96					
	B3	6.83	7.18					
HZS7.5J	B1	7.03	7.39	5	30	5	0.5	4.0
	B2	7.25	7.63					
	B3	7.49	7.87					
HZS8.2J	B1	7.73	8.13	5	30	5	0.5	5.0
	B2	7.99	8.39					
	B3	8.25	8.67					
HZS9.1J	B1	8.53	8.97	5	25	5	0.5	6.0
	B2	8.81	9.27					
	B3	9.11	9.57					

* ツェナー電圧 (V_Z) は通電後40msで測定します。* Zener voltage (V_Z) is measured 40ms after the apply of I_Z .

Type	Zener Voltage Value Grade	V_Z (V)*		Condition	Z_Z (Ω)	Condition	I_R (μA)	Condition
				I_Z (mA)		I_Z (mA)		V_R (V)
		min.	max.		max.		max.	
HVS10J	B1	9.42	9.90	5	30	5	0.1	7.0
	B2	9.74	10.24					
	B3	10.07	10.59					
HVS11J	B1	10.40	10.93	5	30	5	0.1	8.0
	B2	10.72	11.26					
	B3	11.05	11.60					
HVS12J	B1	11.40	11.95	5	30	5	0.1	9.0
	B2	11.69	12.29					
	B3	12.02	12.60					
HVS13J	B1	12.41	13.05	5	37	5	0.1	10
	B2	12.88	13.54					
	B3	13.36	14.04					
HVS15J	B1	13.84	14.54	5	42	5	0.1	11
	B2	14.31	15.05					
	B3	14.81	15.57					
HVS16J	B1	15.30	16.08	5	50	5	0.1	12
	B2	15.78	16.58					
	B3	16.27	17.11					
HVS18J	B1	16.84	17.70	5	65	5	0.1	13
	B2	17.48	18.38					
	B3	18.14	19.07					
HVS20J	B1	18.80	19.76	5	85	5	0.1	15
	B2	19.45	20.45					
	B3	20.13	21.17					
HVS22J	B1	20.80	21.86	5	100	5	0.1	17
	B2	21.45	22.55					
	B3	22.13	23.27					
HVS24J	B1	22.83	24.01	5	120	5	0.1	19
	B2	23.58	24.78					
	B3	24.33	25.57					
HVS27J	B1	25.20	26.50	5	150	5	0.1	21
	B2	26.19	27.53					
	B3	27.21	28.61					
HVS30J	B1	28.22	29.66	5	200	5	0.1	24
	B2	29.19	30.69					
	B3	30.20	31.74					
HVS33J	B1	31.18	32.78	5	250	5	0.1	26
	B2	32.15	33.79					
	B3	33.13	34.83					
HVS36J	B1	34.12	35.86	5	300	5	0.1	29
	B2	35.07	36.87					
	B3	36.07	37.91					

* ツェナー電圧 (V_Z) は通電後40msで測定します。

* Zener voltage (V_Z) is measured 40ms after the apply of I_Z .