

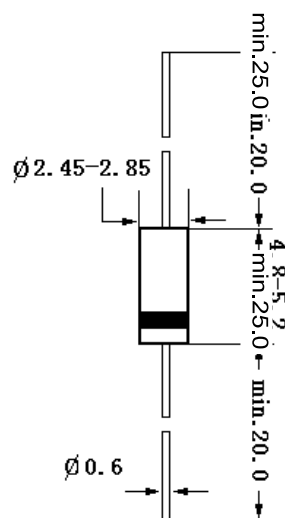
S5566B, S5566G, S5566J, S5566N

SILICON DIFFUSED TYPE

GENERAL PURPOSE RECTIFIER APPLICATIONS

Repetitive Peak Reverse Voltage – 100 to 1000 Volts

Average Forward Current – 1.0 Ampere



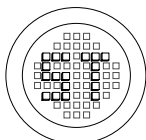
Dimensions in mm

Absolute Maximum Ratings

	Symbol	S5566B	S5566G	S5566J	S5566N	Unit
Repetitive Peak Reverse Voltage	V_{RRM}	100	400	600	1000	V
Peak One Cycle Surge Forward Current (Non Repetitive)	I_{FSM}	45(50Hz)	49(60Hz)	30(50Hz)	33(60Hz)	A
Average Forward Current	$I_F(AV)$	1.0				A
Junction Temperature	T_j	-40 to +150				°C
Storage Temperature Range	T_s	-40 to +150				°C

Characteristics at $T_a = 25^\circ\text{C}$

	Symbol	Min.	Typ.	Max.	Unit
Peak Forward Voltage at $I_{FM}=1A$	V_{FM}	-	-	1.2	V
Repetitive Peak Reverse Current at $V_{RRM}=\text{Rated}$	I_{RRM}	-	-	10	μA



®

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