

ESJA57-04A

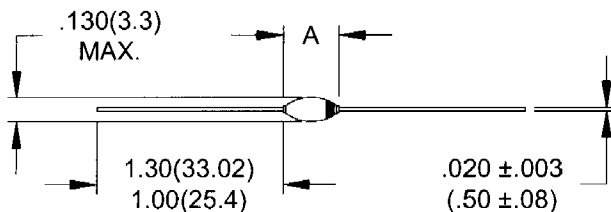
RATINGS AND CHARACTERISTICS

ABSOLUTE MAX. RATINGS. (Ta=25 °C unless otherwise noted.)

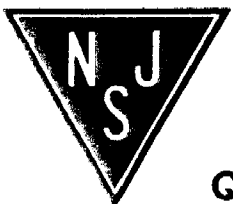
Items	Conditions	Symbols	Ratings	Units
Repetitive peak reverse voltage.		V _{RRM}	4	kVpeak
Non-Repetitive peak forward current.	50Hz Sine-half wave peak value	I _{FSM}	0.5	Apeak
Average forward current.	50Hz Sine Wave	I _{AV}	5	mA
Allowable junction temperature.		T _j	120	°C
Storage temperature range.		T _{stg}	-40~120	°C
Allowable operating case temperature.		T _c	100	°C

ELECTRICAL CHARACTERISTICS (Ta=25 °C unless otherwise noted.)

Items	Conditions	Symbols	Ratings	Units
Maximum forward voltage drop	I _F =10mA	V _F	15	V
Maximum reverse current	V _R = 4kV	I _{R1}	2	μA
Maximum reverse current	V _R = 4kV. 100°C	I _{R2}	5	μA
Maximum reverse recovery time	I _F =2mA. I _R =4mA	t _{rr}	0.08	μS
Maximum junction capacitance	f=1MHz. V _R =0V	C _j	2	pF



A
.300(7.62) MAX.



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