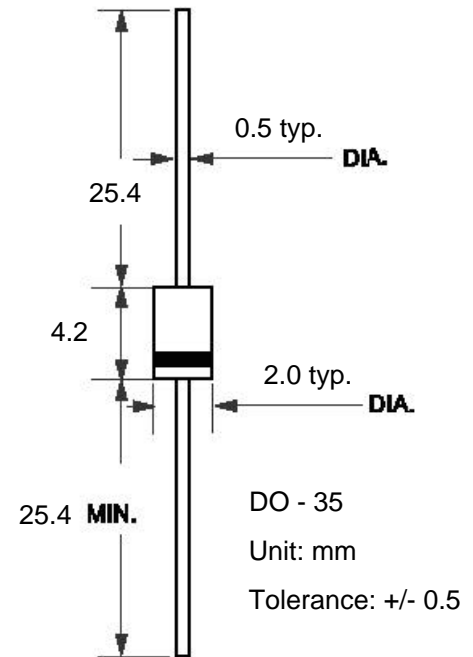




TECHNICAL SPECIFICATION OF 1N60-P RECTIFIER

MAXIMUM RATINGS

ITEM	SYMBOL	VALUE	UNIT
Reverse Voltage	V_R	50	V
Forward Current	I_{FM}	150	mA
Forward Current (DC)	I_F	30	mA
Storage Temperature	T_{stg}	-55 ~ +125°C	°C



ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	TESTING CONDITION	Min.	Typ.	Max.	UNIT
Forward Current (DC)	V_{p1}	$I_p = 1mA$	-	0.32	0.37	V
	V_{p2}	$I_p = 30mA$	-	0.55	1	V
Reverse Current (DC)	I_r	$V_r = 30V$	-	0.1	1	μA
Diode Capacitance	C_T	$V_r = 1V, f = 1MHz$	-	0.2	-	pF
Reverse Recovery Time	T_{rr}	$I_a - I_r - 10mA$ $I_r - 2mA$ $R_L = 0.1k$	-	-	1	ns
Detection Efficiency	n	$R_L = 3.8k$ $C_l = 10pF$ $V = 3V$ $F = 30MHz$	-	60	-	%