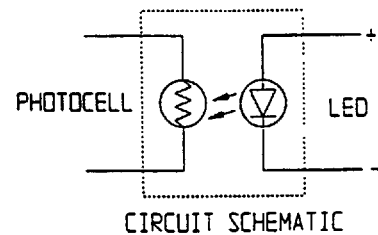
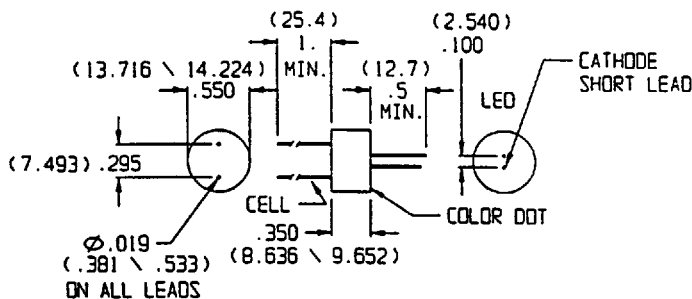


**NSL-34 & NSL-34AA OPTOISOLATORS**

T-41-81

CHARACTERISTICS	TEST CONDITIONS	NSL-34			NSL-34AA			UNITS
		MIN.	TYP.	MAX.	MIN.	TYP.	MAX.	
<b>-LED-</b>								
IF	Max fwd current			40			40	ma
Vf	Forward voltage		IF=16mA	2.5			2.5	volts
IR	Reverse current		Vr=4V	3			3	microamp
<b>-CELL-</b>								
Vc	Max cell voltage			3.5K			3.5K	volts DC or PAC
Pd	Pwr dissipation		25 C (derate to 0 @ 75 C)	400			400	milliwatts
<b>COUPLED</b>								
Ron	On resistance		IF=16mA			1.2meg		ohms
			IF=5mA				3 meg	ohms
Roff	Off resistance		10sec after IF>0 (5Vdc on cell)	1000		1000		megohms
Tr	Rise time		(Time to 63% of final condition @ IF=16ma)		3.5		3.5	millisec.
Td	Decay time		Time to 100M		20		40	millisec.
Vbd	Isolation			7000		7000		volts DC or PAC
dRc/dt	Cell temp coeff		IF> 5mA		.6		.6	%/C



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