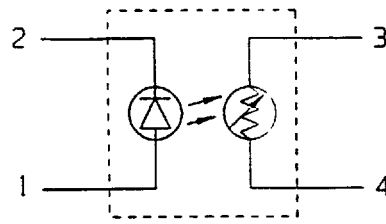
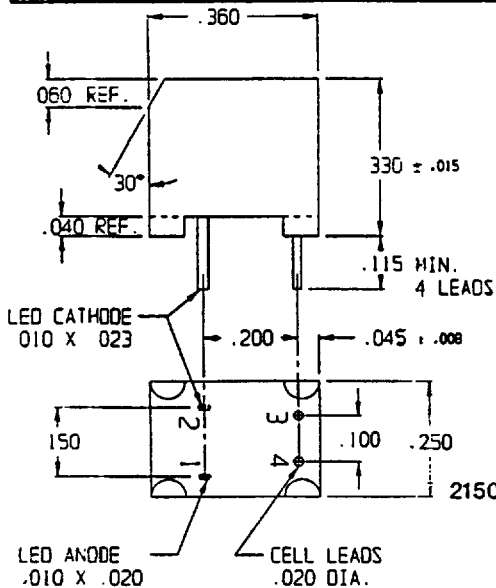


NSL-40 & NSL-40AA OPTOISOLATORS

T-41-81

	CHARACTERISTICS	TEST CONDITIONS	NSL-40			NSL-40AA			UNITS
			MIN.	TYP.	MAX.	MIN.	TYP.	MAX.	
-LED-									
IF	Max fwd current				40			40	ma
VF	Forward voltage	IF=16mA			2.0			2.0	volts
IR	Reverse current	Vr=4V			100			100	microamp
-CELL-									
Vc	Max cell voltage				60			60	volts DC or PAC
Pd	Pwr dissipation	25 C (derate to 0 @ 75 C)			50			50	milliwatts
COUPLED									
Ron	On resistance	IF=16mA			500				ohms
		IF=1mA			5.0K			750	ohms
Roff	Off resistance	10sec after IF>0 (5Vdc on cell)	500K			500K			ohms
Tr	Rise time	(Time to 63% of final condition @ IF=16ma)		3.5			3.5		millisec.
Td	Decay time	Time to 100k			500			500	millisec.
Vbd	Isolation		2000			2000			volts DC or PAC
dRc/dt	Cell temp coeff	IF > 5mA		1.0			1.0		%/C



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