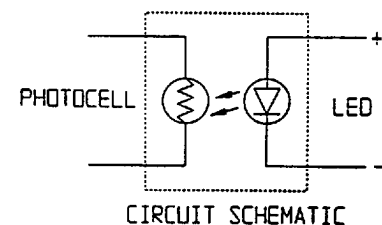
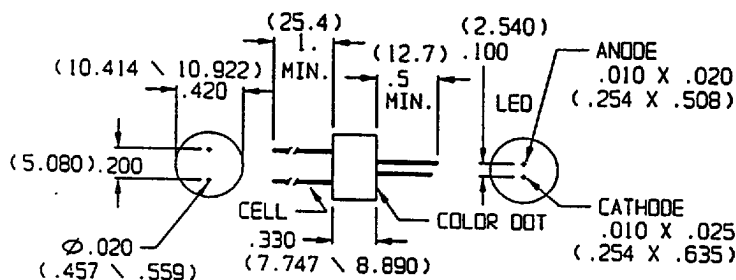


NSL-36 & NSL-36AA OPTOISOLATORS

T-41-81

	CHARACTERISTICS	TEST CONDITIONS	NSL-36			NSL-36AA			UNITS
			MIN.	TYP.	MAX.	MIN.	TYP.	MAX.	
-LED-									
IF	Max fwd current				40			40	ma
VF	Forward voltage	IF=16mA			2.5			2.0	volts
IR	Reverse current	Vr=4V			3			100	microamp
-CELL-									
Vc	Max cell voltage				220			220	volts DC or PAC
Pd	Pwr dissipation	25 C (derate to 0 @ 75 C)			200			125	milliwatts
COUPLED									
Ron	On resistance	IF=40mA IF=16mA			400			2.5K	ohms ohms
Roff	Off resistance	10sec after IF>0 (5Vdc on cell)	500k			10meg			ohms
Tr	Rise time	(Time to 63% of final condition @ IF=16ma)		3.5			3		millisec.
Td	Decay time	Time to 100k			500		20		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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