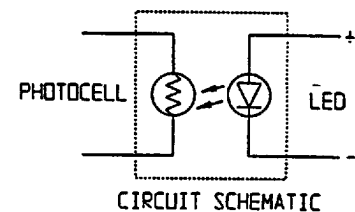
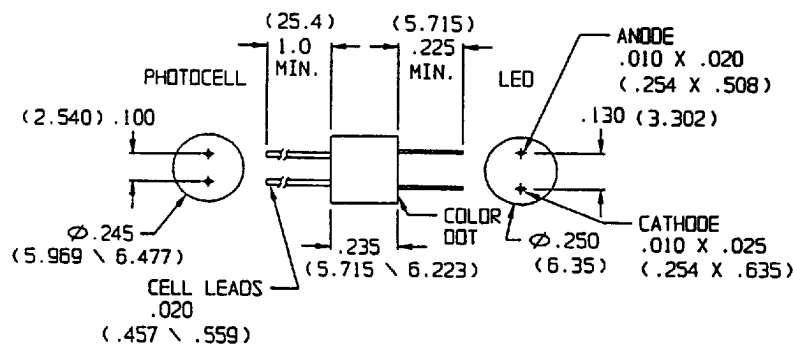


NSL-32 & NSL-32AA OPTOISOLATORS

	CHARACTERISTICS	TEST CONDITIONS	NSL-32			NSL-32AA			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=20mA IF=10mA			500			- 10K	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			3.5		millisec.
Td	Decay time	Time to 100k			500		12		millisec.
Vbd	Isolation		2000			2000			volts DC or PAC
dRc/dt	Cell temp coeff.	IF> 5mA		1.0			.6		%/ C



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