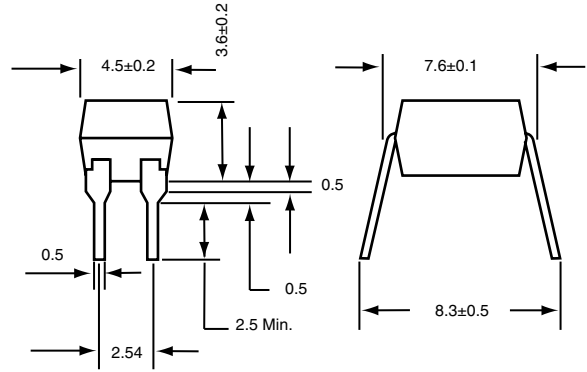


PHOTO COUPLERS

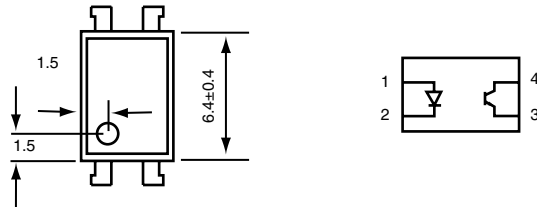
FEATURES:

- Large Current Transfer Ratio
- Isolation Voltage Between Input and Output
 - HPC522/532/542 $V_{iso} = 2500V_{rms}$ (Min.)
 - HPC722/732/742 $V_{iso} = 4000V_{rms}$ (Min.)
 - HPC922/932/942 $V_{iso} = 5000V_{rms}$ (Min.)
- Plastic DIP Package
- UL File # E178703



USES:

- Transmission and conversion of Digital Logic
- Power control and switch
- Electric insulation and impedance conversion between systems



HPC522/722/922

Maximum Ratings ($T_a=25^\circ$)

CHARACTERISITIC		Unit	Rating.
LED	Forward Current (I_{FM})	mA	50
	Power Dissipation (P_M)	mW	75
	Reverse Voltage (V_R)	V	5
DETECTOR	Collector Emitter Reverse Breakdown Voltage (BV_{CEO})	V	55
	Collector DC (I_{CM})	mA	50
	Collector Power Dissipation (P_{CM})	mW	150
Storage Temperature Range (T_{ST})		$^\circ C$	-55 to +185
Storage Temperature Range (T_{ST})		$^\circ C$	-30 to +100
Soldering Temperature (10 Seconds) (T_h)		$^\circ C$	260
Total Power Dissipation (P_T)		mW	250