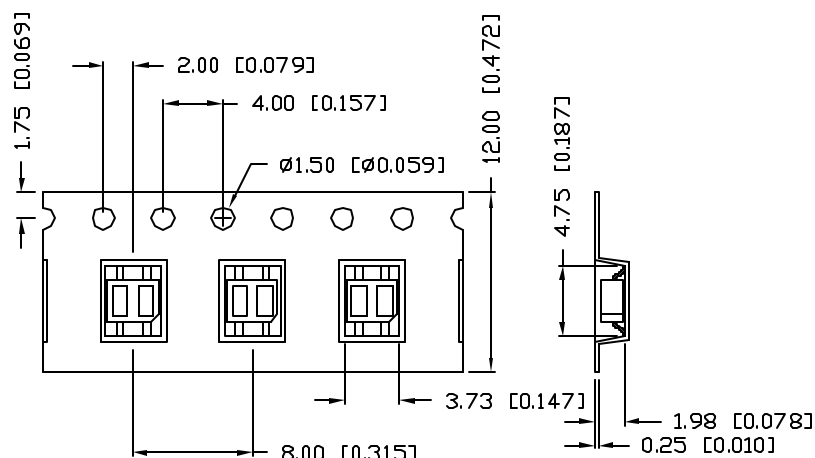
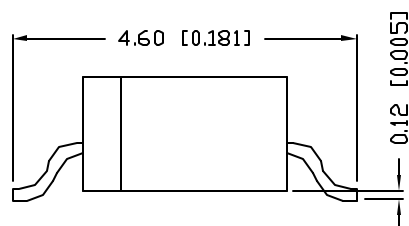
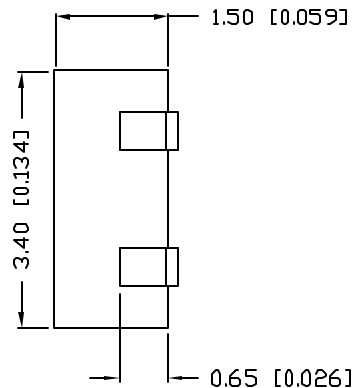
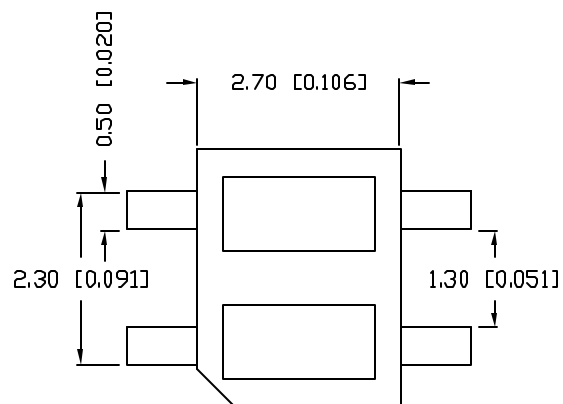


NOTES:

1. CATHODE
2. ANODE
3. COLLECTOR
4. EMITTER
5. 1,000 PIECES PER REEL

CAUTION: MOISTURE SENSITIVE DEVICE

1. SHELF LIFE IN SEALED BAG:
12 MONTHS AT <40°C AND <90% RELATIVE HUMIDITY (RH).
2. AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE MOUNTED WITHIN 48 HOURS OR STORED AT <30% RH.



UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

PART NUMBER

OED-HPI2734C60-TR

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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JN

PAGE: 1 OF 2

SCALE: N/A

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

	PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
I	FORWARD VOLTAGE	V _F	I _F =20mA	-	1.2	1.6	V
	REVERSE CURRENT	I _R	V _R =4V	-	-	10	μA
Ø	COLLECTOR DARK CURRENT	I _{CEO}	V _{CE} =20V	-	-	100	nA
	COLLECTOR-EMITTER SATURATION VOLTAGE	V _{CE(sat)}	I _F =20mA, I _C =1mA	-	0.1	0.3	V
T	LIGHT CURRENT	I	I _F =20mA, V _{CE} =5v	.10	-	-	μA
	LEAKAGE CURRENT	I	I _F =20mA, V _{CE} =5v	-	-	1	μA
	RESPONSE TIME (RISE)	t _r	V _{CE} =5V, I _C =2mA, R _L =100ohm	-	20	-	μS
	RESPONSE TIME (FALL)	t _f	V _{CE} =5V, I _C =2mA, R _L =100ohm	-	20	-	μS

I=INPUT, Ø=OUTPUT, T=TRANSFER CHARACTERISTICS.

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

	PARAMETER	SYMBOL	MAX	UNITS
I	FORWARD CURRENT	I _F	50	mA
	PEAK FORWARD CURRENT	I _{FM}	1	mA
	REVERSE VOLTAGE	V _R	5	V
	POWER DISSIPATION	P _D	75	mW
Ø	COLLECTOR-EMITTER VOLTAGE	V _{CEO}	30	V
	EMITTER-COLLECTOR VOLTAGE	V _{ECO}	5	V
	COLLECTOR CURRENT	I _C	50	mA
	COLLECTOR POWER DISSIPATION	P _C	75	mW
	OPERATING TEMPERATURE	T _{opr}	-30 TO +85	°C
	STORAGE TEMPERATURE	T _{stg}	-30 TO +90	°C
	SOLDERING TEMPERATURE	T _{sol}	+260	°C
			5 SEC. MAX	

I=INPUT, Ø=OUTPUT.



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