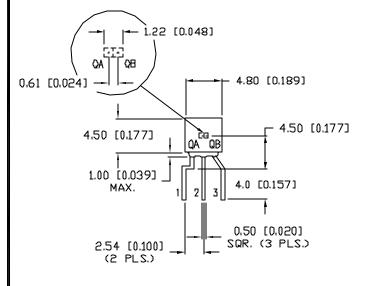
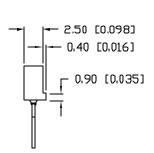
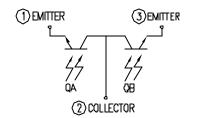
OED-ST-392T-TL











ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
COLLECTOR DARK CURRENT	Iceo	Vcen= 10V Ee=0.5mw/cm ²	1		100	пА
COLLECTOR LIGHT CURRENT	lc	Vce= 10V Ee=0.5mw/cm ²	D.5			mΑ
COLLECTOR-EMITTER SATURATION VOLTAGE	Vce (sat)	lc= 0.4mA Ee=0.5mw/cm ²	0.3		0.4	٧
SWITCHING SPEEDS: RISING TIME FALLING TIME PEAK WAVELNGTH ANGULAR REPSONSE	Tr Tr % p &a	Vcc=5V lc=1mA RI=1000Ω		15 15 800 ±60		μS μS nm DFG
LENS COLOR:	BLACK			-00		DLO

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
COLLECTOR-EMITTER VOLTAGE	30	٧
EMITTER-COLLECTOR VOLTAGE	5	٧
POWER DISSIPATION	75	mW
OPERATING TEMP.	-20 TO +70	' C
STORAGE TEMP.	-25 TO +80	.C
SOLDERING TEMP.	+ 260	.C
2.0mm FROM BODY		3 SEC. MAX

UNCONTROLLED DOCUMENT

**UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.000), INN= +0.000 MAX.= +0.000

REV. PART NUMBER OED-ST-392T-TL

> T-4.8mm x 4.5mm PHOTOTRANSISTOR, BLACK LENS.

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 $\begin{array}{c} \textbf{RELABLITY NOTE} \\ \textbf{OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT} \end{array}$ SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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