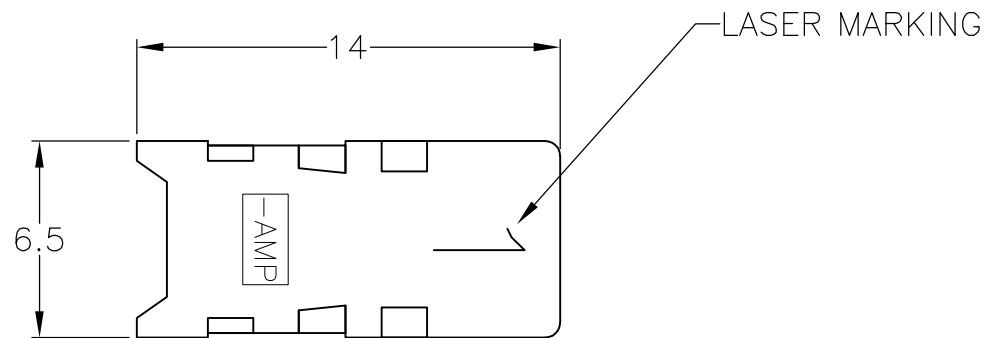


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC J	DIST	REVISIONS 変更		
		P	LTR	DESCRIPTION
			A	RELEASED
				DATE
				27APR07
				DWN
				T.K
				APVD
				T.H

1	CATHODE
2	ANODE
△	POLARIZATION



OPTICAL DEVICE PERFORMANCE

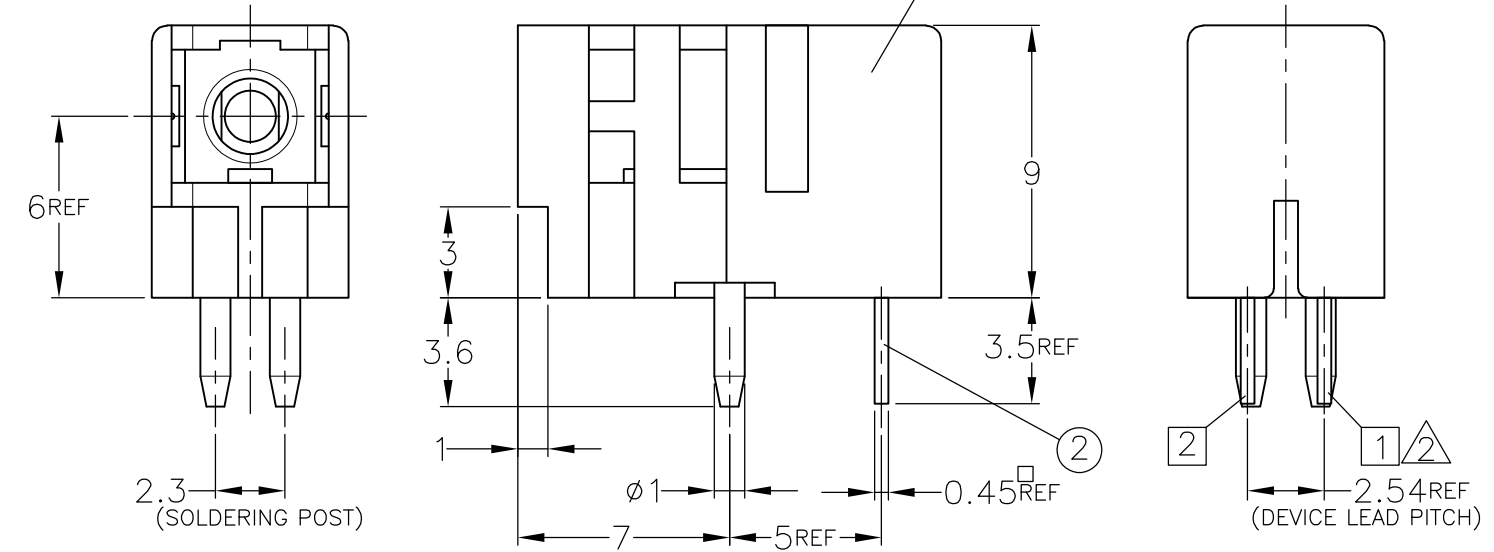
Absolute Maximum Ratings (Ta=25°C)

CHARACTERISTICS	SYMBOL	RATING	UNIT
Forward current (DC)	I _F	40	mA
Reverse voltage	V _R	5	V
Power dissipation	P _{MAX.}	150 *1	mW
Operating temperature	T _{opr}	-10 ~ +70	°C
Storage temperature	T _{stg}	-40 ~ +85	°C
Lead soldering condition	T _{sol}	230°C, 5sec MAX.	

*1 Derate power dissipation at a rate of -2mW/°C above Ta=25°C

Electrical and Optical Characteristics (Ta=25°C)

CHARACTERISTICS	SYMBOL	RATING	MIN.	TYP.	MAX.	UNIT
Fiber coupled output power	P _o	I _F =20mA △3	-12.5	--	--	dBm
Forward voltage	V _F	I _F =20mA	--	1.9	2.3	V
Reverse current	I _R	V _R =5V	--	--	10	μA
Peak emission wavelength	λ _p	I _F =20mA	--	650	--	nm
Spectral half width(FWHM)	Δλ	I _F =20mA	--	20	--	nm

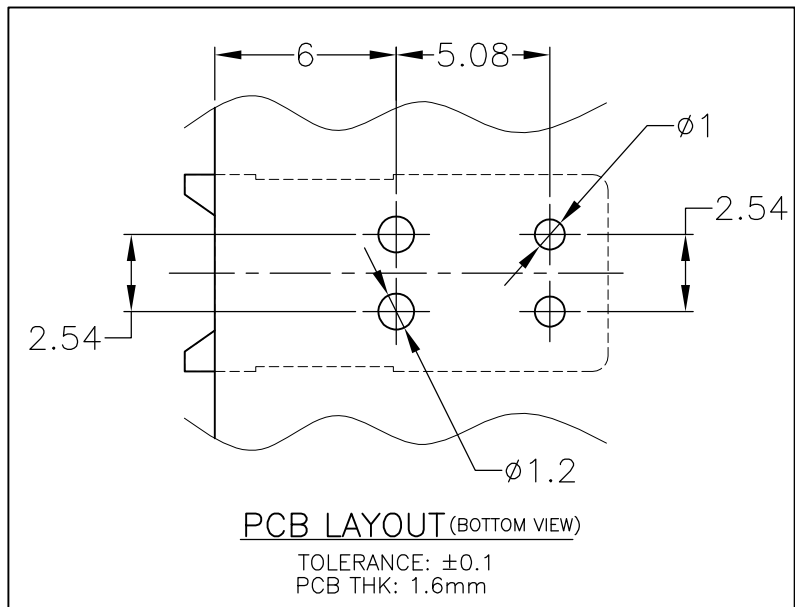


- MATERIAL
ADM MOLD: THERMOPLASTIC UL 94V-0
SOLDERING POST: TIN PLATING

△2 POLARIZATION: SEE TABLE

△3 UNSING FIBER CABLE.
NA=0.5, CORE/CLAD=980/1000μm, LENGTH=1m

- FLUX CREAMING.
USE ALCOHOL FOR CREAMING.
CREAMING TIME: 30sec. MAX.
SOLVENTS TEMPERATURE: 45°C MAX.



1	OPTICAL DEVICE (LED)	②	5174134-1
1	MINI-DNP SIMPLEX ADM HSG	①	
QTY	PART NAME	ITEM	PART No.
COMPONENT PARTS			

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T.KIKUTA 27APR2007	Tyco Electronics AMP K.K. Kawasaki, Japan	
DIMENSIONS: 単位: 耗 mm		CHK T.HAYASHI 27APR2007	NAME T.HAYASHI	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD T.HAYASHI 27APR2007	PRODUCT SPEC 製品規格	
0 PLC ± 0.3		APPLICATION SPEC 取付適用規格		
1 PLC ± 0.3		SIZE		
2 PLC ±		CAGE CODE		
3 PLC ±		DRAWING NO 番号		
4 PLC ±		RESTRICTED TO		
ANGLES ± 1°		A3 00779 C=5174134-1		
MATERIAL 材料		WEIGHT 0.82g		
SEE TABLE		CUSTOMER DRAWING		
		SCALE 尺度 4:1		SHEET 1 OF 1
				REV A